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JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAR./APR. 1988

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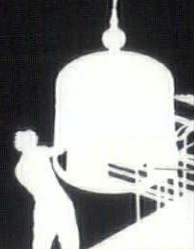
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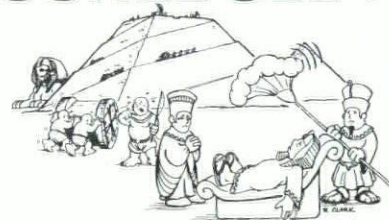
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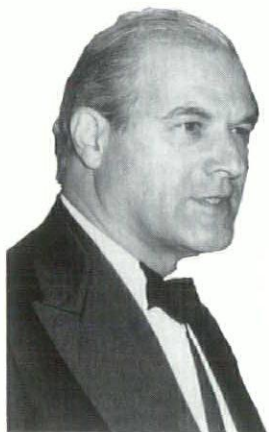
COVER:

810 A Street, S.E., featured on this month's cover, is presented starting on page 35 of this issue, by architrave p.c. architects. (Cover photograph by F. Harlan Hambright & Associates, Inc.)

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TIMELY REMINDERS
Calling All Virginia Architects
Please see the special reminders on page 42



architectonica

Eason Cross, Jr., FAIA

Old Dogs— New Tricks

I've been attending conventions and products shows for some time now, where the Computer salespeople are out hawking their special wares to architects and engineers. I've been tempted, like a kid with nose pressed against the candystore casework. But there has been neither the uncontrollable hunger, the need, or the available pennies in the pocket to answer, "Yes," to the pitchmen.

Until recently.

I finally took the step many of my fellow professionals have long since taken. It's catch-up time at Cross Associates on the computer.

There were the spreadsheet temptations. I could see the possibilities of blocking out and completing an entire finish schedule for a multi-million dollar building, faster than you could say, "Lotus one-two-three." And that was just the beginning; if and when the bids on such a project should come in so high as to force redesign, then changes would be duck soup.

There were the word-processing temptations. Letters written without any correction fluid, white-out, special tapes or ribbons to change, with right margin justification for that super-perfect image. Articles half completed, stored in the machine, ready for additions and alterations with no cross-outs or erasures. Specifications constructed without interlinings no one could read and the end of cut-and-paste.

There were inventory temptations. I recall 10 years ago listening to a programmer describe the job he was doing for a structural steel fabricating company. His software was written to control the choosing, cutting, and restocking of steel so as to reduce waste and excess warehouse inventory to near zero. Today, one could almost walk into any computer retail establishment and buy that kind of software off the shelf.

And there are the CADD—computer-aided design and drafting—temptations. This is the one that architects and engineers are still looking at through the glass of the candystore case. To get a really good functional installation which produces working drawings at useful scale and definition, it's 25 grand minimum. One had best have a potential money-saving efficiency of production ready to go to put out that kind of capital investment. At the rate costs have been dropping in the industry, though, I expect in time we all will be as familiar with CADD as with T-square and triangle.

I know one relatively small firm which puts CADD to use with proven good results. This architect works out of his residence, and the zoning ordinances limit the number of employees he can have come work in his neighborhood. To cope with his workload, and to avoid splitting or moving his cozy deal, he has computerized his entire operation; everybody has a terminal and is computer-competent. That office thrives on CADD, even though the type of buildings they do are not big or full of repetitive elements.

I put it up to this architect: do you find yourself designing to the computer's special efficiencies? Do you avoid curves, odd angles, and element locations in potential conflict with the computer's way of expression? He answered in the negative and I believe him, familiar as I am with his results.

However, architects with less talent and enthusiasm for process and result will find themselves slave to the ease with which a computer does the short-cut solution.

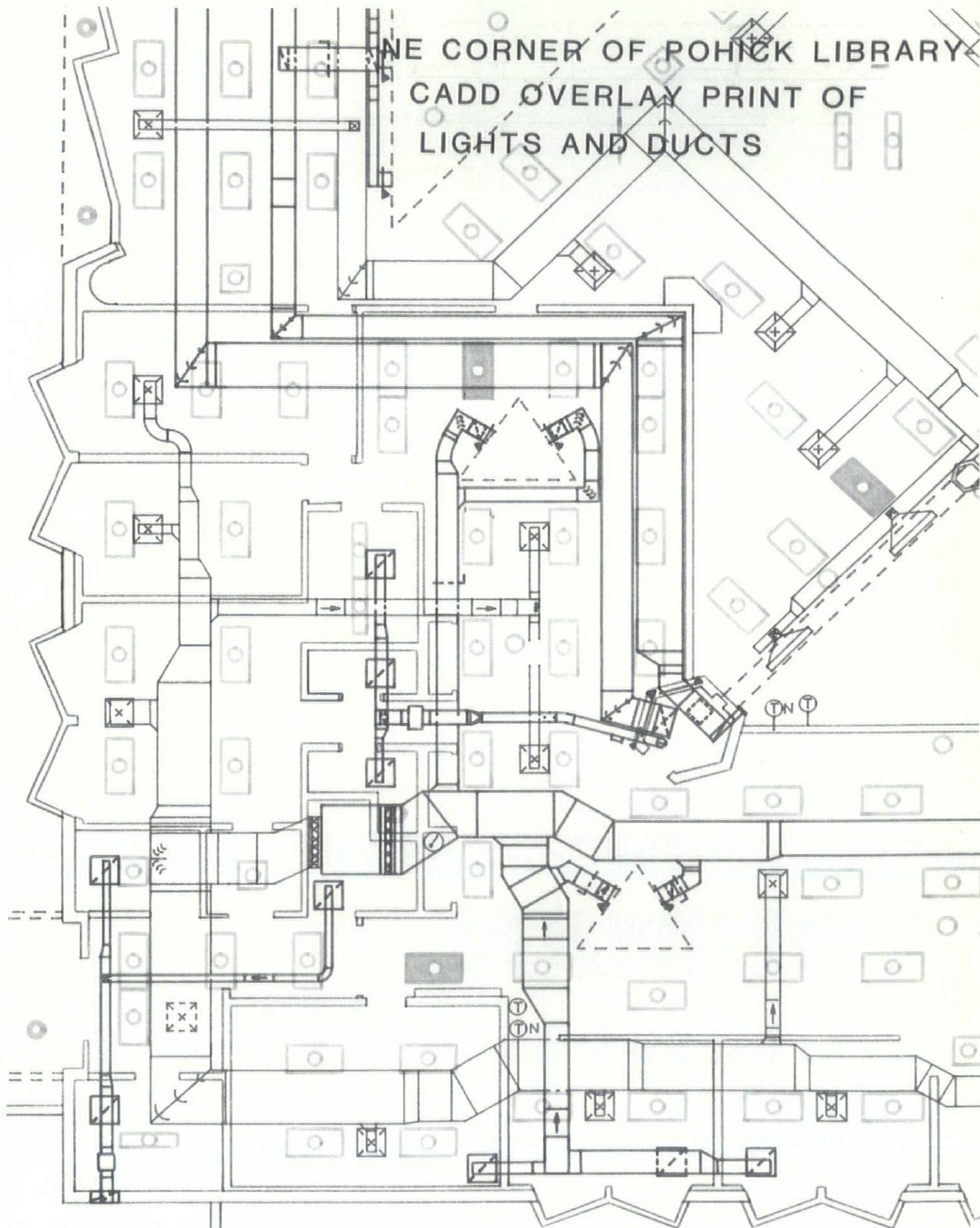
It takes time to familiarize oneself with the techniques of operating these wonderful machines, and the educational time and expense are to be reckoned with in anticipating real costs. For large machines in large firms, the investment in competent operating personnel can be a touchy subject when one of the operators wants to leave. And God help the firm which has a breakdown in the midst of constructing the project drawings without having made a step-by-step copy of the proceedings. That's where all projected efficiencies and savings can be lost in an instant.

So, having finally paid my pennies and chosen my goodie from the candycase, I find it sweet, despite the sometime glitches. It is like the time I found out I needed glasses to read fine print. Then realizing, once using the blamed things, that I should have been getting the benefits of magnification all these years when working on my architectural drawings.

On the facing page is an example of the coordination benefits available with CADD—checking the ductwork against the lights against the partitions, each printed in a different color on the same sheet from different programs.

(Courtesy: Potomac Energy Group, Inc.)

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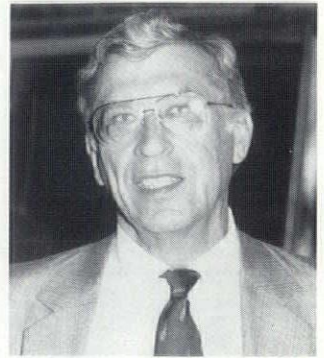
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<< COMMENTARY >>

by Marvin J. Cantor, AIA



The 'Wasting Away' of a Landmark Building . . .

In the early '60s, a new, innovative and striking architectural masterpiece was unveiled in Northern Virginia. Originally referred to as the Chantilly International Airport, it was subsequently changed to DULLES INTERNATIONAL AIRPORT. During the '60s and '70s, using this facility was both an aesthetic and functional joy. One first glimpsed the structure, with its soaring arched main terminal and majestic classic tower counterpoint to the main building, when rounding the last turn of the Airport Access Road. The reluctance of major airlines to give up the crowded, convenient to downtown, D.C. National Airport location, made for an easy going, uncrowded and almost peaceful atmosphere at Dulles. Parking was convenient to the main building at a reasonable cost; jostling, pushing and shoving were virtually unheard of in the main building; and one of the most striking and innovative features to arrive on the horizon of airport construction, the mobile lounge, had removed the one major impediment to airline travel that people all over the world complained about—the interminable walking distances from main entrance to airplane access.

Then came recognition, success, use, over-use, and an embrace of the airport that now threatens to undo all that came before. Almost overnight, airline deregulation transformed a busy, hectic and frenetic National Airport into a "zoo"! Travelers likened air travel at National to a punishment that they somehow had merited by choosing National as an embarkation point.

Word leaked out that travel at Dulles was, somehow . . . civilized! And one by one, the airlines started adding flights at Dulles.

The first sign of deterioration came with the parking. When a solution to adequate parking is lacking or did not materialize, then the path of least resistance is taken—add "satellite" parking—namely add paving to the outer extremities of the project, and introduce a third mode of transportation to one's travels. Now when using the airport, you first had to get there; once "there," you then had to travel from parking lot to terminal and then, and only then, could you look forward to your primary means of transportation—the airplane.

Then came the "mid-field" terminal. Instead of taking a mobile lounge from the terminal waiting area directly to your airplane, you take a lounge to—another terminal—out in the tarmac area, from whence the previously outdated walk from terminal to airplane boarding gate has been re-introduced.

During this process, the Federal Government in its infinite wisdom, as usual, planned to enlarge the airport. How? By adding monolithic extensions all around the main terminal building. Only after desperate outcries raised by architects and private citizens, outraged by the extension plans' insensitivities, was the expansion re-thought and re-designed to do minimal damage to the original Saarinen designed structure. This of course did not alter the construc-

tion of pre-fab buildings, boxy buildings, shapeless buildings, etc., all around. The first signs of aesthetic decay were starting. Whereas it has been reputed that Eero Saarinen spent much time studying the topography, the terrain, and how the main terminal was finally to be sited for maximum aesthetic impact, now the site planning around the terminal became more like the real estate moves in a downtown city, with choice locations near the main building going to the highest bidder or to the one with the most political clout—but with no thought as to how the original concept was to be maintained.

And finally—rumor has it that the mobile lounges have "outlived" their usefulness and are to be phased out as a new main terminal expansion program is about to go into effect. Who says the lounges have outlived their usefulness? Are we now to get another JFK facility with airline buildings added one to another in topsy-turvy fashion, until it takes about an hour to get located at the right departure gate after entering the airport grounds? Will this become another Newark where you can drive around on varying cloverleaves and be lost for a day before mastering the traffic system? Can this become, "terror of terror," another National Airport, whose Main Terminal was expanded to infinity with tunnels, fingers and outcroppings?

Has Dulles Airport lost its civility? As the little baseball fan said to Shoeless Joe Jackson of the infamous Black Sox World Series scandal in the '20s, "Say it ain't so, Joe!"

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VIRGINIA SOCIETY AIA NEWS

AWARDS AND RECOGNITION

Six Northern Virginia Architects Honored

Six architects were honored by the Northern Virginia Chapter of the American Institute of Architects at their December holiday celebration held at Gunston Hall. Awards consisting of a limited edition color intaglio, by Alexandria artist Nancy Reinke, were presented by Honors Chairman James F. Tucker.

Paul H. Barkley, AIA, principal in the Falls Church architecture firm, Barkley Pierce Associates, received the Chapter's highest recognition, the "Award of Honor." Barkley was cited for his many years of exemplary service to the professional group at the local, state and national levels.

President of the Virginia Society AIA in 1984, Barkley is currently serving a three-year term as national director of The American Institute of Architects. In addition, he is a director of the Virginia Foundation for Architecture, Inc. and a

trustee of the American Architectural Foundation of the American Institute of Architects.

The Chapter's "Outstanding Achievement" award went to Hugh C. Miller, FAIA, chief historical architect of the National Park Service. Responsible for numerous preservation planning and architectural projects such as the Philadelphia City Hall and Independence Hall, Miller was recognized for his efforts in heading up the Statue of Liberty restoration project.

Miller's recent work has included the development of a computerized inventory system for over 10,000 park service historic structures. He is a member of the AIA Committee on Historic Resources and the Executive Committee of the Alliance for the Preservation of Historic Landscapes.

Three architects received certificates for "Recognition of Service to the Profession." Dorman O. Wyant, AIA of Kamstra Dickerson & Asso-

ciates of Reston was cited for his service as a chapter board member and for his graphics design work on numerous AIA printed materials.

Arthur T. Kornblut, AIA, principal in the Washington DC law firm, Kornblut & Sokolove, was recognized for his board service at both the local and state levels and for the legal issues seminars he has conducted on behalf of the architect group.

Paul Conklin Quigg, AIA, of INNOVA Architecture, Fairfax, received his award for state and local board service and his many years of leadership in the professional group's intern development program.

As 1986 past-president of the Northern Virginia Chapter AIA, Warrenton architect James F. Tucker, AIA received the organization's "Distinguished Leadership and Service" award. The presentation was made by the Chapter's 1988 president, Joanne Goldfarb, AIA of Alexandria.

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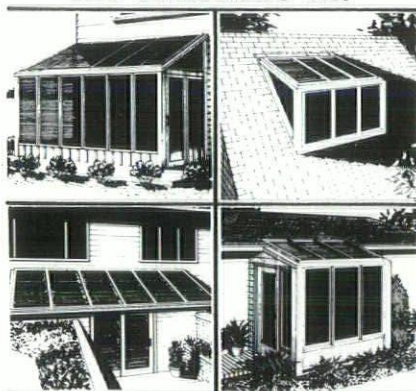
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Richmond Firm Wins Two National Design Awards

In the latter part of 1987, Baskerville & Son, of Richmond, received word that they were the recipients of two national design awards. This year marks Baskerville & Son's 90th anniversary of providing architectural and engineering services in Virginia, and the winning of not one, but two national design awards has given them even more cause to celebrate.

The first award was a fourth place in "Metal Architecture's" second annual "Restoration of the Year Award." The project, the Morton G. Thalheimer Building on Hermitage Road was chosen in a national design competition among buildings that utilized and exemplified creative uses of metal wall and roofing components. The project received national exposure in "Metal Architecture's" November issue. "Metal Architecture" is an industry trade magazine that promotes the uses of metal components in building construction. (Ed. Note: This project was featured in the May/June 1986 issue of VIRGINIA RECORD, as the "Hermitage Road Warehouse.")

The second award was the Concrete Reinforcing Steel Institute's Ninth Design Awards Program. The Diamond was selected as one of seven winning projects in a national competition. Entries were judged on aesthetic expression, engineering achievement, functional excellence and economy of structure utilizing conventionally reinforced cast-in-place concrete. The competition was open to all registered architects and engineers submitting structures located anywhere in the United States, and complete since January 1, 1985. (Ed. Note: The Diamond was the cover feature project, VIRGINIA RECORD, September/October 1985.)

By coincidence The Diamond was also scheduled to be featured in the December issue of "Metal Architecture." They became interested in The Diamond for many of the same design concerns, but more importantly, the innovative metal roof system that was utilized.

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Dewberry & Davis Additional Headquarters Tops Off

Dewberry & Davis' 96,800-SF additional headquarters building was topped off recently in

Fairfax. Designed by the firm to accommodate continually expanding staff and equipment, the new building will double the size of the architectural/engineering firm's headquarters facilities and will be located at 8403 Arlington Boulevard, directly behind the current headquarters. The general contractor is Manhattan Construction.

The building will be four stories, with an additional level below grade, and an accompanying three-level parking garage. A juxtaposition of classical and modern expressions, the building design reflects Dewberry & Davis' design philosophy, which is rooted in traditional values while generating new directions in architecture and engineering. The accompanying parking garage was completed in September 1987 and the building is expected to be completed in the fall of 1988.

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CORRECTIONS

In the January/February 1988 coverage of the VSAIA Energy Awards, there was an error in crediting the Landscape Architect for Pierce Architecture's award winning Custom Residence

in McLean. (See boldface credits, page 59) The Landscape Architect for the project was Stevenson and Good. Our apologies.

LETTERS

Dear Editor:

I would like to inform you of a misrepresentation in the Oct./Nov./Dec. issue of Virginia Record. On page 21 the Third Annual Fairfax County Exceptional Design Awards article gives credit for the Hutchinson House-Lafayette Business Center to Adena Landry Patterson, which is not totally correct.

The restoration of the Hutchinson House itself was under my direction, while the interior design was accomplished by Candice Ann Jones.

This restoration was also awarded an Associated Builders and Contractors Award.

Candy and I are proud of the Hutchinson House and we are thankful to Lee Sammis Associates for the opportunity to work with them on this project.

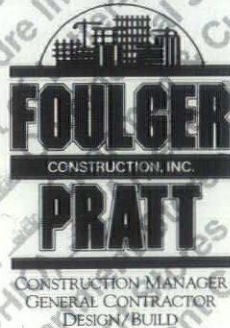
I just wanted to set the record straight thereby giving the Northern Virginia Chapter of the American Institute of Architects a clean sweep of the Fairfax County Exceptional Design Awards.

Sincerely,

Damien E. Chaves, AIA

Ed. Note: Thanks for writing. We were not aware of your involvement in the project. Our congratulations to you and the Northern Virginia Chapter.

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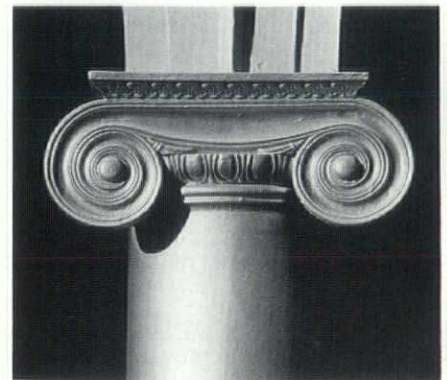


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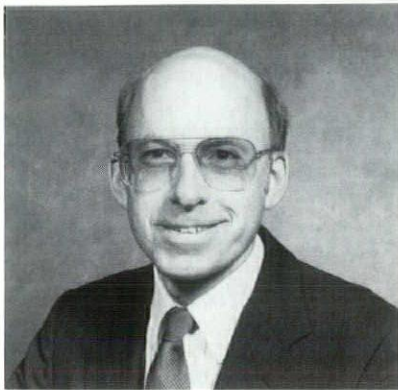
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Robert L. Rogers, AIA

Rogers Establishes New Firm in Blacksburg

Robert L. Rogers, AIA of Blacksburg, has established a new firm called Architectural Alternatives. The firm will be developing projects in association with Rogers & Reynolds Architects, Inc. with whom Mr. Rogers was formerly associated, and will also develop special programs focused in the early phases of project planning. Special emphasis will include religious architecture, health and child care design, and residential options. Architectural Alternatives is located in the Downtown North Building at 620 North Main Street in Blacksburg.

Mr. Rogers recently served as President of the Greater Blacksburg Chamber of Commerce and serves as Chairman of Virginia's New River Valley Economic Development Alliance. He is also a member of the Blue Ridge Chapter of the AIA, the Blacksburg Rotary Club and the Blacksburg Presbyterian Church.

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Two Central Virginia Firms Announce Merger

Bond Comet Westmoreland Architects and Gordon B. Galusha, Architect have announced their recent merger, creating the new firm of Bond Comet Westmoreland + Galusha, Architects. This merger is an important step toward the achievement of several of the principals' long-term goals: to develop expertise in specific market areas, and to grow in a controlled manner enabling them to better serve the needs of their clients. Client service and attention to detail is a hallmark of the firm and its predecessors. This attitude has enabled the firm to produce a diverse range of project types, with particular expertise in the areas of schools, municipal/government work, housing, light medical facilities, and retail/commercial structures.

With offices in both Richmond and Petersburg, this 14-person firm provides a full range of architectural services. These include feasibility and masterplanning studies, basic design services, construction administration, space planning, and historic renovation services. The firm's personnel are complemented by consulting engineers and specialists to provide the

comprehensive range of services required to meet all client needs.

Bond Comet Westmoreland Architects was incorporated as the reorganization of the firm SB Architect, which was formed in 1979. The firm of Gordon B. Galusha, Architect was established in 1955. Employing up to 10 people, the firm's work was statewide, with an emphasis on the Southside Virginia area.

With over 65 years combined experience, the principals of this firm have established a sound reputation for quality projects, demonstrating the ability to do innovative and yet practical design within budget restraints. Examples include the AIA First Honor Award and the Urban Design Award from the City of Richmond in 1985, for a renovation/addition project for the Offices of the Orthopaedic Specialists, Inc. Current projects in various stages of completion total over \$20 million in estimated construction value.

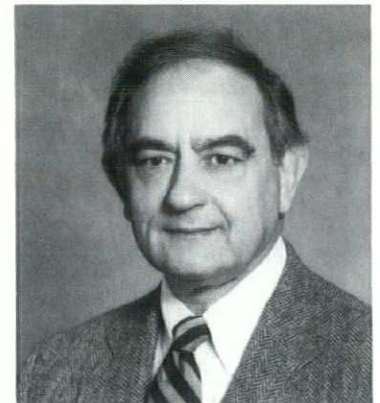
Principals in the firm are Sanford Bond, AIA, Robert Comet, AIA, Douglas Westmoreland, AIA, and Gordon Galusha, AIA.

Moseley and Ciucci Announce Merger

The Moseley Group and Joseph V. Ciucci, Jr. Architects merged their firms effective January 1, 1988. The announcement was made by William Ward Moseley, president and chairman of the board of The Moseley Group, and Joseph V. Ciucci, Jr., owner of Joseph V. Ciucci, Jr. Architects. Both firms are based in Richmond.

Moseley and Ciucci said that by combining the strengths of both firms, and capitalizing on complementary geographical and market expertise, the combined company "will be the forefront of Virginia architectural and engineering firms in terms of size, scope of practice, and design talent, especially in the field of educational facilities for public schools." Among the two firms' 150 recent public school designs are nine comprehensive high schools, six major vocational-technical schools, five new middle schools, and a very large number of elementary schools, renovations, and additions. Construction value for these school projects has ranged from a value of \$100,000 for an elementary school addition to \$20,000,000 for a new comprehensive high school, with a large vocational-technical center.

The Moseley Group, founded in 1969 in Richmond, is a multi-disciplinary firm offering professional services in architecture, engineering, planning, and interior design. The firm is best



Joseph V. Ciucci, Jr.
Vice President
The Moseley Group

known for governmental, corporate, educational, and commercial buildings. Joseph V. Ciucci, Jr. Architects was established in Richmond in 1955. It has specialized in public school buildings. The merged firm will be known as The Moseley Group. It will have more than 50 employees in offices at 601 Southlake Boulevard, Richmond.

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PERSONNEL AND OFFICE ACTIVITIES

SFCS Moves From Partnership to Corporation

Sherertz, Franklin, Crawford, Shaffner of Roanoke, Virginia has announced that effective January 1, 1988 they will no longer be operating as a partnership. As of that date they will actively operate as a corporation under the title of Sherertz, Franklin, Crawford, Shaffner, Inc. doing business as SFCS.

Officers within the corporation are as follows: Patrick N. Shaffner, PE, President; Ronald O. Crawford, AIA, Executive Vice-President; Charles R. Holcomb, PE, Senior Vice-President; and Curtis R. Jennings, Jr., AIA, Vice-President.

SFCS, Inc. is a full-service architectural, engineering and planning firm with 90 employees, and is currently designing projects the nationwide.

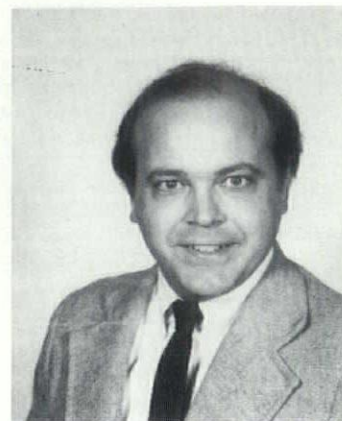
Harrisonburg-based Firm Opens Regional Office in Manassas

McClintock and Associates, P.C. of Harrisonburg, has announced the opening on December 1, 1987 of a regional architectural office in the City of Manassas, at 9028-E Prince William Street.

C. E. McClintock, President of the firm, said that the City of Manassas was selected because it is close to the firm's northern tier of school clients in Loudoun County, City of Manassas and Stafford County.

McClintock and Associates, P.C., succeeded the founding firm of Davis and Associates, upon retirement of D. P. Davis in 1983, and has continued that firm's primary involvement in public school, college and health care facilities. McClintock and Associates and its predecessor firm have provided architectural services to more than 26 school divisions, since 1961.

Jerry H. Smith, an architect with strong experience in the public education field, has joined the firm to manage the Manassas facility. McClintock said the opening of this office in northern Virginia will permit his firm to improve its service to regional clients and represents his firm's investment in the rapidly growing northern Virginia market. "We've provided services in that region for a number of years and finally have decided that we should become more locally involved with the establishment of a regional office."



Michael B. Stevenson, AIA

Stevenson Joins TDFB

Michael B. Stevenson, AIA, formerly of Wright, Cox, Smith & Associates has joined TDFB, Inc., to become an Architectural Project Manager. Mr. Stevenson is a graduate of VPI & SU with a degree in Architecture.

TDFB, Inc., is a 35 person architectural and engineering firm located in the Innsbrook Corporate Center, Richmond.

Two Appointments Announced by RYA

Robert Young Associates, Inc., an internationally recognized retail design firm, has announced the appointment of Matthew W. (Woody) Mosby, AIA, to Principal of the firm.

Mr. Mosby, an architect, joined RYA as Director of Marketing in 1984, after leaving Helmuth, Obata & Kassabaum Architects in Dallas where he directed the marketing efforts of their interiors group.

In addition to his client responsibilities, Mr. Mosby will direct the marketing and public relations activities of the firm. He will continue to be based in the firm's Washington, DC office.



Mr. Bradshaw

FOOD FACILITIES PLANNING DIRECTOR NAMED

The firm has also announced the appointment of Robert A. Runyon, AIA, as Director of Food Facilities Planning.

Prior to joining Robert Young Associates in 1986, Mr. Runyon was a principal with the firm of Runyon and Sharp, Inc. As a registered architect with extensive food facilities experience, Mr. Runyon's background included executive positions with TGI Fridays and Casa Bonita, Inc.

Mr. Runyon's primary objective will be the development of new concepts of food service that will add value and excitement to the retail environments of shopping centers, department stores and specialty centers. Mr. Runyon will be based in RYA's Dallas office.

Lewis/Wisnewski Promotes Two

Two members of the firm of Lewis/Wisnewski & Associates, Ltd. have been advanced to vice presidencies. J. Patrick Halpin, AIA has been promoted to Vice President of Architectural Production, and Jerre D. Bradshaw, AIA has been promoted to Vice President of Interior Design, for the architectural and interior design firm based in Alexandria.

In his new role, Mr. Halpin is responsible for managing and coordinating the production of Lewis/Wisnewski's architectural projects. He has been a Project Manager with the firm since 1984 specializing in project management and code analysis on various building types including office buildings, restaurants and renovations.



Mr. Halpin

A graduate of Notre Dame, Mr. Halpin graduated with highest honors and holds an architectural registration in Virginia. He is a member of the AIA and the National Trust for Historic Preservation. Previously, Mr. Halpin was employed at Architects Group Practice in Alexandria, where he was Project Architect for many local projects.

Mr. Halpin has worked on several of Lewis/Wisnewski's most notable projects including Quince Tree Executive Center in Gaithersburg, Maryland; Duke Street Square and Prince Street Plaza in Alexandria; Imperial Inn Hotel in Largo, Maryland; and the IRS Government Agency in Washington, D.C.

Mr. Bradshaw has been with Lewis/Wisnewski since 1983. In his position as Vice President he is

responsible for production of the firm's space planning and full service interior design projects, managing the interiors department and maintaining client liaison.

Prior to his employment with Lewis/Wisnewski, Mr. Bradshaw was Senior Associate at Hunter/Miller & Associates, an interior design firm in Alexandria. During his tenure there and at other firms, he had extensive experience as project director for major interior architectural installations and served as senior designer for several large commercial and institutional projects. Mr. Bradshaw graduated from Texas Tech, is a Registered Architect and a member of the AIA.

Some of Lewis/Wisnewski's most significant interiors projects which Mr. Bradshaw has worked on include the Health & Fitness Center and WorldCorp Headquarters, both in the Renaissance Centre at Dulles; 1201 New York Avenue in Washington, D.C.; and the Alexandria Financial Center in Alexandria. Founded in 1976, Lewis/Wisnewski & Associates, Ltd. is ranked as the 15th top design firm in the Washington metropolitan area. The firm has grown to a staff of 60 professionals and has a branch office in the Dulles, Virginia area at the Renaissance Centre on Rt. 28.



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Professionals Promoted at VVKR

SENIOR ASSOCIATES

Jerry L. Quebe, FAIA, Managing Principal of VVKR Incorporated, announced the following individuals have been named senior associates: Deborah K. Banks; Ken W. Corey, P.E., R.A.; Alain C.F. deVergie, ASLA; Prabhu Gianchandani, P.E.; and Joseph D. Myers, P.E.

Banks, an interior designer, joined the firm in 1984. Her responsibilities include project management and design. She is currently serving on Marymount College's Advisory Board for the Interior Design Program.

Corey is Director of Structural Engineering and is responsible for project management and design. A licensed engineer and a registered architect, Corey joined VVKR in 1987. He is a member of the National Society of Professional Engineers, the American Concrete Institute and the American Institute of Steel Construction.

deVergie, a registered landscape architect, is Director of Landscape Architecture at VVKR. He is responsible for site planning and landscape architectural design. A member of the American Society of Landscape Architects, the National Recreation and Park Association, and the Prince George's County Landscape Beautification Committee, deVergie has over 25 years of project experience.

Gianchandani, a licensed professional engineer, is VVKR's new Director of Electrical Engineering. His responsibilities include management and design for electrical engineering projects. He is a member of the Institute of Electrical and Electronic Engineers (IEEE) and the National Council of Engineering Examiners.

Myers, a licensed professional engineer, is Director of Civil Engineering and is responsible for design, working drawings, plan submittals, and specifications for site development and civil engineering projects. A 1975 graduate of Virginia Polytechnic Institute and State University, Myers is a member of the National Society of Professional Engineers.

ASSOCIATES

In a later announcement, Mr. Quebe named the following individuals as associates: Denise E. Duffy, CPA; Eric D. Johnson; Michael S. John-

ston, P.E.; N. Curt Jones, Jr., P.E.; Ernest Munoz, AIA; Melvin Straus, P.E.; and Graham Thomas.

Duffy, a certified public accountant, is the firm's controller. A graduate of State University of New York at Binghamton, Duffy received a Bachelor of Science in Accounting in 1979. As controller, she is responsible for supervising and maintaining corporate financial records.

Johnson, an interior designer at VVKR, is responsible for space planning and design of interior design projects. A 1978 graduate of the University of Virginia, Johnson is currently serving as project designer for the interiors of Software AG of North America's new corporate headquarters in Reston.

Johnston is a licensed professional engineer specializing in the design of mechanical systems for criminal justice facilities including jails, courts, detention centers, and prisons. He also serves as the Assistant Mechanical Engineering Department Manager. An active member of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) and the American Society of Plumbing Engineers (ASPE), Johnston is a 1981 graduate of Virginia Polytechnic Institute and State University. He is currently designing mechanical systems for the two new state prisons for the Virginia Department of Corrections.

Jones is a licensed professional engineer specializing in the design of mechanical systems for office buildings. He is a member of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). Jones is currently directing mechanical systems design for the 1101 Wilson Boulevard Office Building project in Rosslyn.

Munoz, a registered architect, specializes in the design of criminal justice facilities. A member of the American Institute of Architects, he is currently serving as project manager for the Newport News Courthouse project in Newport News.

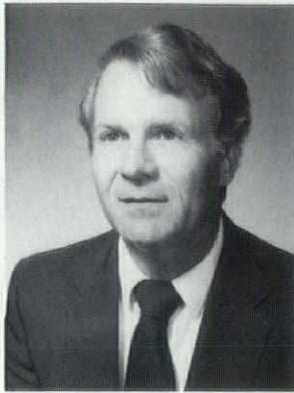
Straus is a licensed professional engineer specializing in the design of mechanical systems for healthcare facilities. A member of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), Straus is currently directing mechanical systems design for the Veterans Administration Medical Center in Salem.

Thomas is Computer Systems Manager and is responsible for the management of VVKR's CADD system and other computer operations. He received his professional registration from the Architects Registration Council of the United Kingdom and the Royal Institute of British Architects.

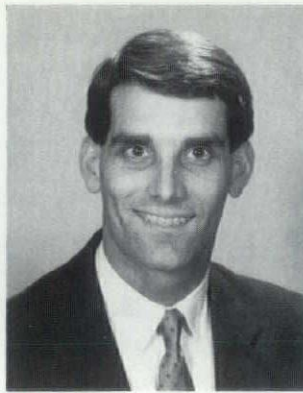
VVKR Incorporated is a full-service, multi-disciplined, Washington, DC-based design firm which specializes in the design of office buildings, healthcare, educational, and criminal justice facilities. Services include architecture, interior design, engineering, planning and construction management. Since its inception in 1967, VVKR has been continually recognized for design excellence by receiving over 60 national, state and local awards.



Mr. Finch



Mr. Greaves



Mr. Large

Finch, Greaves Named Principals, Large Named Branch Manager

FINCH, GREAVES NAMED PRINCIPALS

Washington Design Group, Ltd. recently announced that Paul G. Finch, AIA, and William M. Greaves, AIA, have been named principals of the firm.

Mr. Finch is a 1975 architectural graduate of VPI & SU. He is a registered architect in Virginia and specializes in the planning and design of health care and institutional facilities. Recent projects managed by Finch include the Barry Robinson Institute in Norfolk; Heritage Hall nursing homes in Charlottesville and Front Royal; Dental Laboratory Renovation at the Medical College of Virginia, Richmond; and numerous alteration projects for the Children's Hospital of the King's Daughters, Sentara Norfolk General Hospital, and Sentara Leigh Hospital of Norfolk, among others. Mr. Finch is a resident of Virginia Beach.

Mr. Greaves is also a 1975 graduate of the VPI & SU School of Architecture. He is a registered architect in Virginia and in recent years has specialized in the planning and design of governmental, municipal, college and university build-

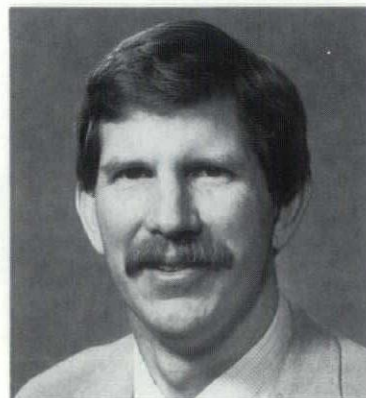
ings. Recent projects managed by Mr. Greaves include the Physical Education/Intramural facility at the College of William & Mary, Williamsburg; the Human Services Building, Prince George County; Sherwood Recreation Center, Norfolk; and the Housing Office Building at the U.S. Naval Station, Keflavik, Iceland.

LARGE NAMED BRANCH MANAGER

The firm also recently announced the appointment of Donald E. Large, Jr., AIA, as a Manager of the Richmond office.

Mr. Large, a registered architect in Virginia, is a graduate of the VPI & SU School of Architecture. He will be in charge of the firm's client relations and project management in the Richmond area.

Washington Design Group, Ltd., established in 1970, is a firm of Architects, Engineers and Planners with offices in Norfolk, Richmond, and Lynchburg. Principals in addition to Mr. Finch and Mr. Greaves are Robert E. Washington, FAIA, and James R. Washington, AIA.



Clifford A. Hoelzer, AIA

Hoelzer Named to New Position

Eaton Design Group President Franklin S. Eaton has announced the appointment of Clifford A. Hoelzer, AIA to the position of assistant director of technical services.

A registered architect, Hoelzer, in his new position, will provide supervision, coordination and quality control for all construction documents.

An 11 year veteran of multi-disciplined projects for both government and private industry, prior to joining Eaton Design Group in October 1987, Hoelzer was director of design for RCI Architects, Engineers & Planners, a division of Resource Consultants, Inc. in Vienna. His duties included management of all architectural and engineering projects from conceptual design through contract administration.

A 1977 Bachelor of Architecture graduate from Virginia Polytechnic Institute and State University, Hoelzer is married, has two children and makes his home in Herndon.

Eaton Design Group was founded in 1983. Today, with a staff of 50 professionals, the firm has performed core consulting, space planning, interior design and construction documents for over 3,000,000 square feet of office space in and around the Washington, D.C. market.

CHK Architects Names New President and CEO

CHK Architects and Planners, Inc. has named Jack Smith Kerxton, AIA as President and Chief Executive Officer. Mr. Kerxton joined the firm in 1958 and has been senior partner in charge of design. It was also announced that Jack C. Cohen, FAIA, who served as the firm's President since its founding in 1953, will become Chairman.

In his new capacity as President and CEO, Mr. Kerxton will assume overall responsibility for the operations and management of CHK. As Chairman, Mr. Cohen will maintain an active role in the firm in charge of long-range planning and marketing. He is also closely involved with the new CHK headquarters building under construction in downtown Silver Spring and will continue to serve several of the firm's long-time clients.

Mr. Kerxton is a member of the National Housing Committee of the American Institute of Architects and has served on the board of directors of the Home Owners Warranty Association. He is the author of several articles on housing design and frequently speaks before various groups in the building profession. A graduate of Ohio State University, Mr. Kerxton resides in Chevy Chase, Maryland.

Mr. Cohen's many professional accomplishments have been recognized by the American Institute of Architects and the National Association of Home Builders, among others. He has served on the State of Maryland Professional Registration Board and is a Fellow of the American Institute of Architects.

Mr. Cohen resides in Bethesda, Maryland. He is a graduate of Catholic University of America, which has recognized him as a Distinguished Alumnus for his many professional and civic contributions.

CHK, headquartered in Silver Spring, Maryland, also maintains an Arlington, Virginia office, and is one of the largest architectural and land planning firms headquartered in metropolitan Washington.

John W. Chenault, AIA

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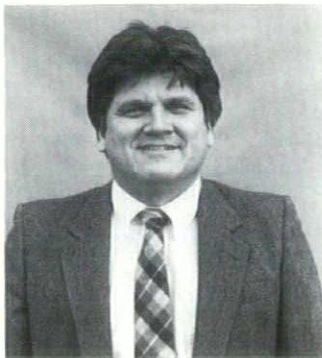
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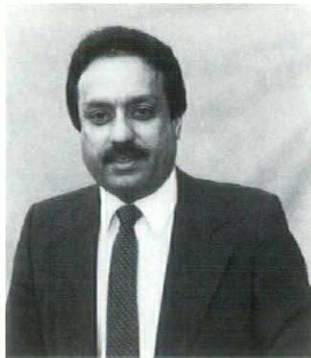
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Timothy D. Galvin

The Moseley Group Forms In-House Engineering Dept.

The Moseley Group has announced the formation of an in-house engineering department to complement its architectural design services. Gerald L. Jolley, a registered professional engineer, has joined the firm to head the new department. He will be assisted by Manny Grewal, who also joined The Moseley Group recently.

"Our firm has grown to the size where having an in-house engineering function simply makes good business sense," William W. Moseley, president, said. "This will mean greater cost-efficiency for our clients, and the ability to increase our quality control program."

Most local architects have, traditionally, hired consulting engineers for their projects, Moseley

explained. "But, with a much greater diversity of work than ever before, we believe, strongly, that a full-time engineering department will enhance all of our architectural projects."

As department head, Jolley has 15 years of architectural engineering experience. He is an alumnus of Pennsylvania State University. Before coming to Richmond earlier this year, Jolley's experience included HVAC design engineer and project manager on jobs ranging in scope from 30,000 square feet to half-million square feet.

Grewal holds a Masters degree in mechanical engineering from Brunel University in London, England.

Project Manager Joins Firm

Timothy D. Galvin has joined the Richmond architectural firm of DePasquale & Associates. Mr. Galvin graduated in 1982 from the University of Kentucky with a Bachelor of Architecture degree. Since graduation, he has worked within all major project phases, from development through completion, in Kentucky, as well as in Richmond. His project experience includes work on speculative office buildings, retail, residential, and medical facilities, and renovation of worship facilities.

While at the University of Kentucky, Mr. Galvin received several honors including the Alpha Rho Chi Medal and the Alumni Travel Grant. In addition, his works have been exhibited in a 1981 Accreditation Show and published in the 1981-1982 College of Architecture catalogue.

Urbi Joins The Barnes Lyall Group, Inc.

The principals of The Barnes Lyall Group, Inc. have announced the addition of Anne Covington Urbi, an intern architect, to their design staff.

Ms. Urbi is a graduate of Washington University in St. Louis with a Master of Architecture degree and holds a Bachelor of Arts in Fine Arts from the College of William and Mary. Prior to joining the Virginia Beach architectural firm she was a designer with Sinclair Hui Architects and Henningson, Durham & Richardson, Inc. in Dallas.



Ms. Urbi

Norfolk Firm Adds Interior Designer

Elise N. Williams, an interior designer, has joined Hanbury Evans Newill Vlattas & Company, architects and interior designers of Norfolk. Her experience includes assignments for corporate and institutional clients. At Hanbury Evans, she is now designing new offices for Investment Corporation of Virginia and the law firm of Hunton & Williams, both in Dominion Tower.

Ms. Williams received a Bachelor of Science degree in Interior Design from Virginia Polytechnic Institute and State University. In her senior year, Ms. Williams received the school's highest award in the annual portfolio competition.

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Architecture Professor Emeritus Dies

Herschel A. Elarth, professor emeritus of architecture at Virginia Tech and a member of the College of Fellows of the American Institute of Architects, died Jan. 19 in the Montgomery Regional Hospital in Blacksburg, Va., following a short illness.

Elarth, 80, joined the faculty of Tech's architectural engineering department, then in the School of Engineering, in 1954 and retired from the College of Architecture and Urban Studies in 1977 after 23 years on the faculty. He remained active in college activities and continued to work on various committees for the AIA at the district, state and national levels.

Active in establishing and maintaining the Architecture Library housed in Cowgill Hall, he continued to serve as an advisor to the library.

CAUS Dean Charles W. Steger, who nominated Elarth for a Distinguished Service Award from the Virginia Society AIA last year, said that the professor emeritus "always exhibited an energy and enthusiasm for the study of architecture and for life in general which I admired. He was a wonderful resource and a remarkable example for us all."

Elarth received the Distinguished Service Award at the annual convention of the Virginia Society AIA in October.



Herschel Elarth, FAIA accepted a Distinguished Service Award from 1987 VSAIA President, Robert A. Boynton, AIA, at the Society's annual convention in October. (Photo by Stephen W. Small)

Educated at the University of Illinois, where he received undergraduate and graduate degrees in architecture, Elarth taught at the University of Oklahoma and the University of Manitoba before joining the Tech faculty.

During his tenure at Tech, Elarth served as national membership committee chairman for the Association of Collegiate Schools of Architecture and was active on the education and practice committees of the Virginia Society AIA. He also was chairman of the college's Architecture Library committee and worked on the university's judicial committee.

His academic distinctions and fellowships included the university's William E. Wine Award for teaching excellence, the Langley Scholarship from the AIA and acceptance into the honorary architecture fraternity Tau Sigma Delta. He was also the first alternate for the Paris Prize in Architecture, an international competition.

Registered as an architect in Virginia, Massachusetts and Nebraska, Elarth had worked in private practice in Omaha, Los Angeles and Blacksburg.

A memorial service was held on Jan. 22 at the Warm Hearth Activity Center in Blacksburg.

A Herschel Elarth Memorial Fund has been established at Warm Hearth, where Elarth lived.

Contributions can also be made to the Herschel Elarth Memorial Scholarship in care of Dixon Hanna, 202 Cowgill Hall, Virginia Tech, Blacksburg, VA 24061. Checks should be made payable to the Virginia Tech Foundation.

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LEGO Competition Turns Cowgill into Fantasy Land

Reprint from CAUS News, Vol. 5, No. 2
Photography by Rick Griffiths

Ed. Note: Although this competition took place in the Spring of 1987, it has just recently come to our attention. We felt it was still worthy of sharing with you, as a delightful example of the creativity of tomorrow's architects.

When the deafening roar of half a million LEGO building elements hitting the floor ceased reverberating through Cowgill lobby, the silence that followed reflected the momentary awe of the 16 design teams that had gathered to create from the chaos.

But creativity had to wait—wait until the 30,000 elements allotted each team could be sorted, the only way to begin creating some order from the overwhelming numbers of blue, red, yellow, white, black, and clear elements that lay in massive heaps on the floor. The sorting took hours—for one team, nearly 24 hours.

The teams were taking part in a competition organized by the student chapter of the American Institute of Architects (AIAS) in cooperation with LEGO Systems, Inc., part of three days of activities to kick off the international firm's current National Building Contest.

The college students had 24 hours to build an urban landscape design, and many worked throughout the night. The construction began at 1 p.m. on April 30 and ended at 1 p.m. the following day.

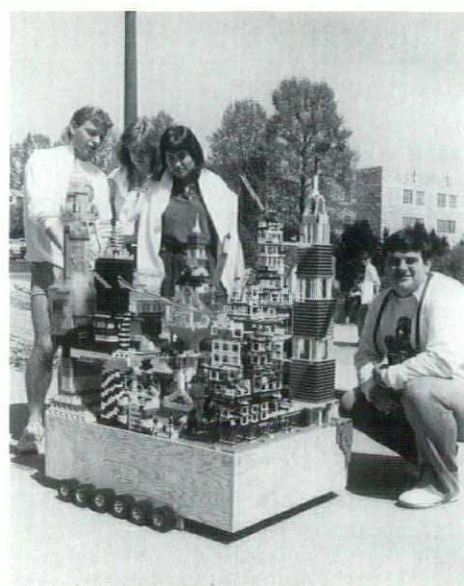
By mid-morning, most of the designs neared completion. From over a ton of elements had sprung towers, cathedrals, spaceports, tall buildings, and an assortment of fantasy creations.

First place went to Team 15, comprised of graduate architecture students Stephen Rieger of Churchville, N.Y.; Scott Masters, Closter, N.J.; Kirsten Ring, Boulder, Col.; and Mark Sawyer, Baton Rouge, La., and first-year student Mark Bittle of Union Hall, Va., for its seaport city of the future. For their efforts, team members received a box of LEGOs, a \$75 gift certificate, and trophies made of LEGO bricks.

Judges included CAUS alumna Francie Berger, a senior model designer with LEGO; Nora Richter Greer, a senior editor for *Architecture Magazine*; and Tom Koontz, CAUS assistant professor of architecture and faculty advisor of AIAS. Announcing the awards was special guest Alan Sandler, an official with AIA in Washington, D.C.

The scene in Cowgill had been preceded by a similar scene at Harding Avenue Elementary School, only in miniature, as 100,000 building elements were dumped on the low, long tables of the open classrooms. Unlike the Cowgill competition, however, the creations of the children were entered in the national contest, open to children up to the age of 14.

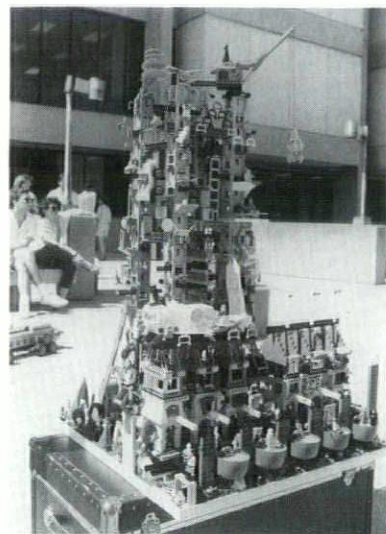
David Kulina, president of AIAS, and other members of the sponsoring organization joined LEGO officials in working with the children and photographing their designs for the competition. Those entries will be placed with entries received from across the nation until December. Ultimately, a grand prize winner from each of three age groups in the nation will go to LEGOLAND Park in Billund, Denmark, to compete with children from 20 countries for the title of LEGO Master Builder.



Team 15's First Place entry. Michael Doyle, 1987 vice president of AIAS is shown at right.



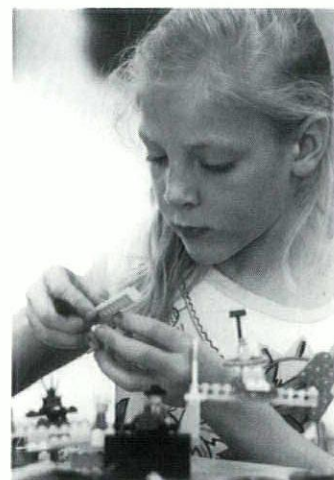
Second Place



Third Place



The scene in Cowgill Lobby, where students faced the monumental task of sorting the blocks before building.



Students at Harding Elementary School.

SIDELIGHTS

Tidewater Chapter SAA Officers Installed

The new officers of Tidewater Chapter Society of Architectural Administrators were installed at their first "Installation—Boss' Night Dinner" held at the Radisson Hotel in Hampton, December 8, 1987. As an affiliate of The Hampton Roads Chapter American Institute of Architects, the principal purpose of SAA is to advance the educational standards of architectural support personnel.

Dennis Duff, AIA conducted the installation as his final duty as President of Hampton Roads Chapter AIA. Renee Payne was appointed Director and new officers for the next two years are:

President, Carolyn B. Pursell with The Design Collaborative; Vice President, Joyce Williams with David Bugin, AIA; Secretary, Linda Steffan with Waller, Todd, Sadler; and Treasurer, Debbie Brumfield with Caro, Monroe & Liang.

The President mentioned goals for the Tidewater Chapter will be membership and membership involvement. New chairpersons were also announced: Newsletter Editor—Sheila Evans; Membership—Sandra Cutler, Co-Chairman—Gregg Melton; Program—Rebecca Wood; Fund Raising—Janice Dawson and Casey Giron; Publicity Peninsula—Marie Lewis, Southside—Patricia Morece; Historian—Linda Steffan; Certification—Joyce Williams.

Architect and Artist Portray City Unlike Any Other

Baskervill and Son, a Richmond architectural and engineering firm, has spent the last 90 years making the City of Richmond a better place to be for those of us who take time out to notice the built world around us. They've done this by commissioning a series of prints that graphically marks their 90 year-history.

W. Camden Whitehead, an architect as well as artist, noted for his growing body of work that depicts the architectural magic that has become Richmond, has taken the entire catalogue of Baskervill & Son buildings and portrayed them in what can best be described as a three-part water color of an imaginary Richmond skyline.

Of course the only thing imaginary about this skyline is the proximity of buildings themselves. In reality, the more than 150 structures are located throughout the state; perhaps the best testimony to the subtle influence of the firm over state architectural history. Native Richmonders as well as those who are new to this city will find plenty of visual reminders of the enormous con-

tribution that the firm has made to the design of this city.

"When we commissioned the project we never envisioned that there would be so many important historical buildings covered by Camden's work," said firm President, Bruce Tyler. "He's done a marvelous job in conveying the sheer power of 90 years of distinguished activity," Tyler commented further. Whitehead himself was "Constantly amazed at the quality of recognizable Richmond landmarks . . ." stressing that while "there [were] no great leaps, [the firm] constantly built on what came before." In truth, several prominent Richmond buildings can be found in the prints, including the wings to the state capitol building. Children's Hospital, First Baptist Church, the Richmond News Leader Building along with many others.

Obviously the firm has survived the last 90 years in good stead. Given the blistering pace of development in the region, it should be interesting to see Mr. Whitehead's depiction of the firm's coming 10 years of architectural and engineering projects.

A Century of Women's Contributions to Architecture Highlighted in AIA Exhibition Opening May 1988

A nationwide celebration of 100 years of women in architecture will be highlighted this year by the traveling exhibition "That Exceptional One: Women in American Architecture, 1888-1988." The exhibition will open on May 15 at the Jacob Javits Convention Center in conjunction with the 1988 national convention of The American Institute of Architects in New York City. It will be on view at the convention center through May 18 before traveling to 14 major cities during a three-year period.

The exhibition celebrates a century of women's achievements in architectural design, practice, and theory beginning with the 100th anniversary of the election to AIA membership of the first woman, Louise Blanchard Bethune (1856-1913) of Buffalo, NY. Bethune was responsible for a variety of projects, including schools, churches, factories, stables, and baseball grandstands.

The exhibition takes its name from a 1955 article for young students written by AIA Gold Medalist

Pietro Belluschi, FAIA, who wrote that he could not in "whole conscience recommend architecture as a profession for girls. I know some women who have done well at it, but the obstacles are so great that it takes an exceptional girl to make a go of it. If she insisted on becoming an architect, I would try to dissuade her. If then, she was still determined, I would give her my blessing—that she could be that exceptional one."

Presented in its historical context, the title was selected to show the changing composition of the profession. The exhibition will demonstrate that women are no longer "exceptions" to the "rule" of the traditionally male-dominated architectural profession and that women need not be "exceptional" to be an architect.

"This exhibition is an important step in demonstrating to the nation the breadth of contributions that women have made to the design of the built environment," said AIA President Ted P. Pappas, FAIA. "We hope it will serve as a reminder of how far we have come and how far we still have to go."

'Wright Plus' Tour

On Saturday, May 21, the Frank Lloyd Wright Home and Studio Foundation will host the 14th annual "Wright Plus" housewalk, a guided architectural tour of eight private homes and two public buildings in Oak Park and River Forest, Illinois.

The Prairie Style is the central theme of this year's housewalk. At the turn of the century, Frank Lloyd Wright's flourishing architectural practice established the Prairie School as the first distinctly American style of residential design. The style, which Wright intended to harmonize with the midwestern prairie, is characterized by low, horizontal profiles, simple geometry, light-filled interiors and unadorned, natural materials.

Buildings designed by Wright on this year's tour include: his own home and studio (1889/1898), the E. Arthur Davenport house (1901), the Peter A. Beachy house (1906), the Isabel Roberts house (1908) and Unity Temple (1909).

Wright's work directly influenced many of his contemporaries working the Chicago area. Other Prairie-style homes on the tour are: the Robert C. Spencer house (1905) by Spencer and Horace Powers; the Lewis H. Lozier house (1906) by Thomas Eddy Tallmadge and Vernon S. Watson; the Charles Barr house (1912) by Louis Guenzel and William Drummond; the Richard Cluever house (1913) by John Van Bergen; and the Seth A. Rhodes house (1916), also by Van Bergen.

"Wright Plus" tickets cost \$25 and will be on sale after March 1 at the Ginkgo Tree Bookshop, 951 Chicago Ave., Oak Park, Ill., 60302, or at the Oak Park Visitors Center, 158 N. Forest Ave. Tickets may also be ordered by phone if charged to Visa, MasterCard or American Express by calling (312) 848-1978. Tickets are limited.

For more information on "Wright Plus" or the daily and warm-weather tours offered by the Home and Studio Foundation, please call (312) 848-1976.

Architects featured in the exhibition range from Julia Morgan, a prolific turn-of-the-century Bay Area (CA) architect best known for her commissions for publisher William Randolph Hearst, to contemporary architects. Exhibition material includes reproductions of artifacts from the Women's Building at the 1893 World's Columbian Exposition, photos, correspondence, academic catalogs, and architecture exams.

Produced by The American Architectural Foundation with the cooperation of the AIA Women in Architecture Committee, the exhibition has received initial support from the National Endowment for the Arts, the AIA's College of Fellows, the Graham Foundation, and Mrs. Jefferson Patterson of Washington, DC.

Women are the fastest growing segment of AIA membership. Since 1974, the number of women members has grown significantly from 250 to more than 3,700 out of a total membership of approximately 53,000.

Alexandria Public Safety Center VVKR Incorporated—Architect

Owner: City of Alexandria, Department of General Services • **Location:** Alexandria

Associated/Consulting Architect, Phillips Swager Associates • **Project Architect/Designer,** Robert Manasah • **Landscape Architect and Site/Structural/Mechanical/Electrical Engineer,** VVKR Incorporated • **Interior Designer,** Hunter/Miller & Associates • **General Contractor,** A.S. McGaughan Company • **Photography,** Maxwell MacKenzie.

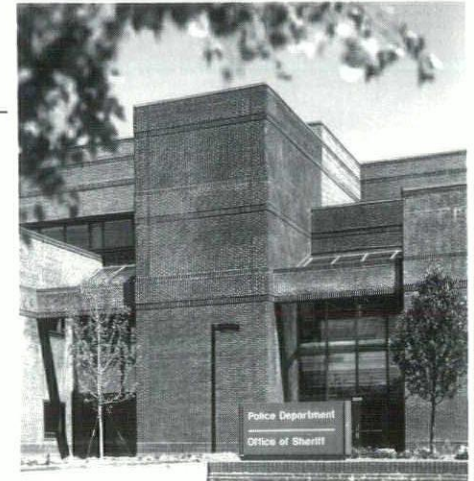
The Alexandria Public Safety Center provides the city with a new complex for administering all justice-related activities under one roof. The successful completion of this project in June 1987 was the culmination of a seven year effort for VVKR, working closely with city officials, law enforcement agencies and local citizen groups.

The project began in 1980 when a study was conducted to determine the needs of the Police Department and the Sheriff's Office which manages the city jail. The study results indicated the Police Department would increase from 300 to 400 personnel over a 20-year period; the existing jail was determined to be inadequate for meeting current and future detention needs.

Working closely with each law enforcement group, a master plan, meeting the space needs of the growing police department and the obsolete jail facility was prepared. A design concept was developed to house the functions of the Police Department, Sheriff's Office, and Jail into one facility.

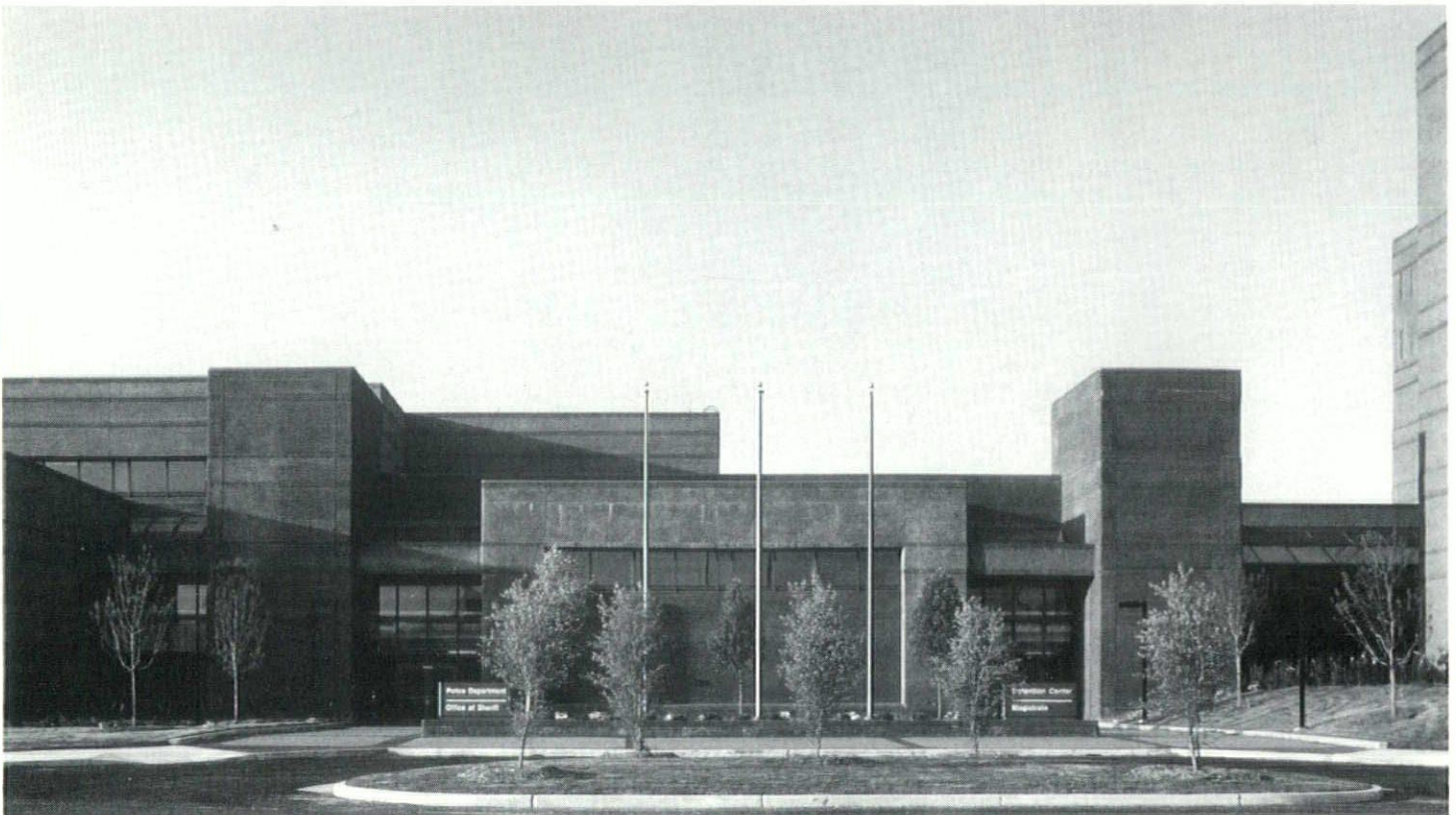
The center is designed as two distinct units consisting of a three-story 70,000 square foot police department building and an eight-story 143,000 square foot jail. The units are connected by a glass enclosed hallway.

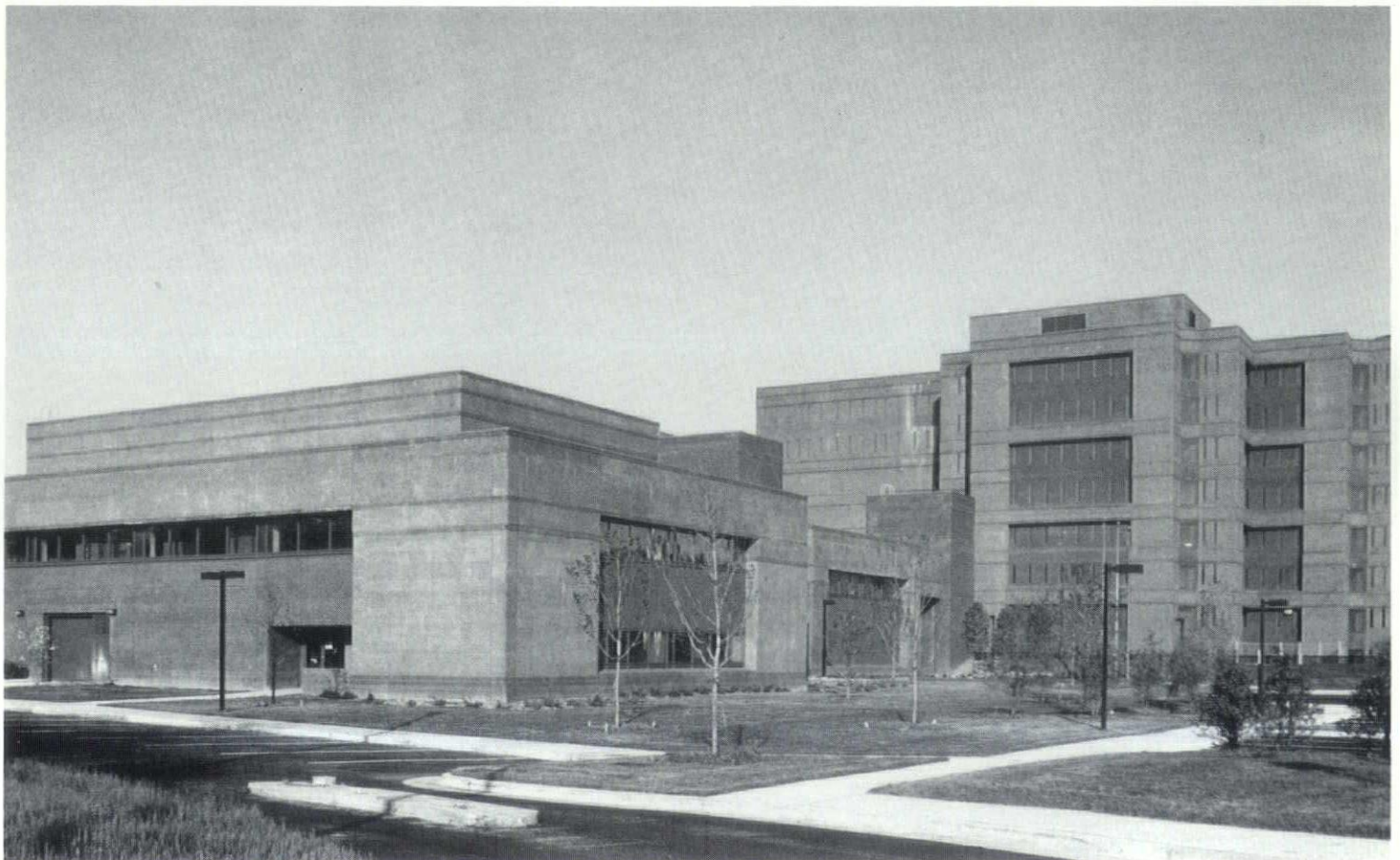
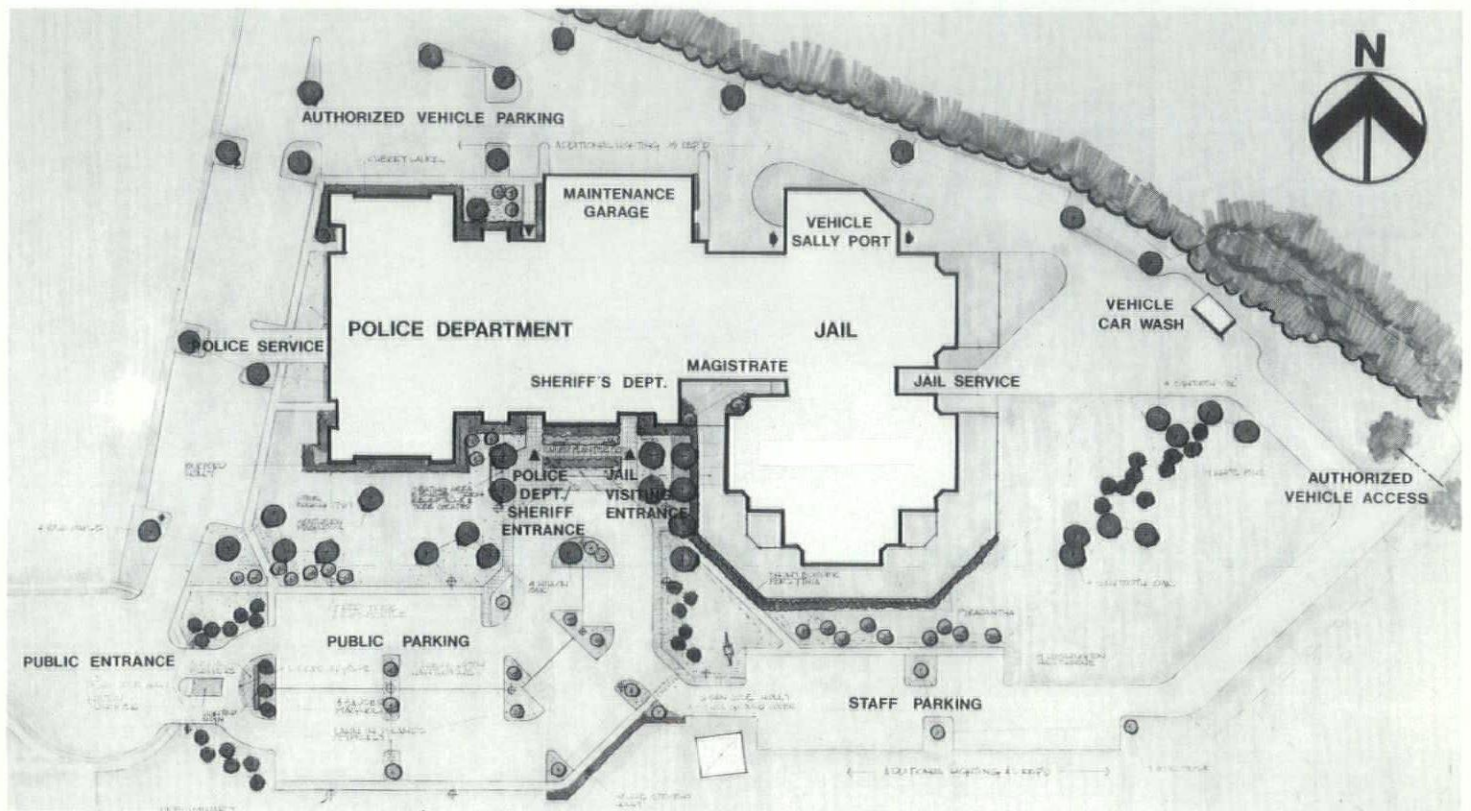
One of the city's major concerns was communicating to the citizens of Alexandria that a law enforcement agency's function is to serve the

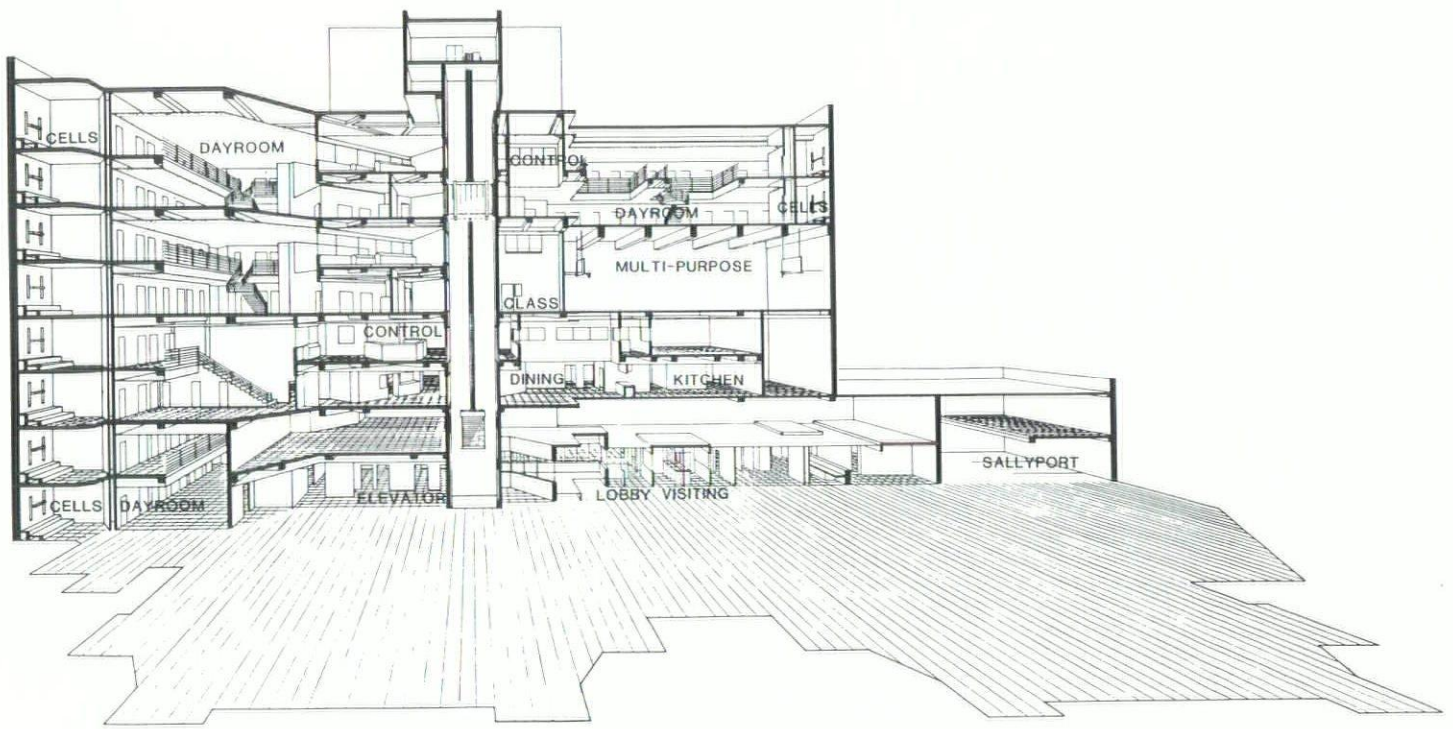


community. The design team was asked to create an inviting atmosphere instead of the unfriendly environment often associated with a law enforcement facility. This was accomplished by designing open spaces and using generous amounts of glass and brick materials throughout the center. In the front entrance, for example, the reception area for receiving public visitors is particularly spacious; this effect was created by designing a two-story lobby and allowing outside light in through the use of large glass panels.

The Center is surfaced in two tones of red brick. To break up wall surfaces, horizontal bands and recessed panels or darker brick were used creating dramatic shapes and textures. The







Alexandria Public Safety Center

mortar joints were tinted to match the brick so as to blend into the building. In addition, building corners were rounded to further reduce harshness.

The Police Department Unit features an Emergency Operations Center, Communications Control Center, and Fingerprinting/Identification

Room. The 369-bed Detention Center is one of the first direct supervision facilities in the State of Virginia. A vertical security core allows officers to travel vertically within secure areas; all housing floors are monitored through the control center which contains a computer, door operation switches and 19 television screens. Guards circulate among the inmates carrying no weapons or keys.

Because of the great care the city took in planning their new justice facilities, the Alexandria Public Safety Center should be able to accommodate the growing needs of the City of Alexandria for many years to come.

A.S. McGaughan Company of Bethesda, Maryland was general contractor and handled a portion of the concrete work and the masonry work.



SUBCONTRACTORS & SUPPLIERS

Denison Landscaping, Fort Washington, MD, landscaping materials & landscaping contractor; Annandale Asphalt & Paving Corp., Lorton, paving contractor; Wilkes Construction Co., Gaithersburg, MD, concrete contractor; Virginia Concrete Co., Inc., Springfield, concrete supplier; Potomac Valley Brick & Supply Co., Newington, masonry supplier; Roanoke Iron & Bridge Works, Inc., Roanoke, steel supplier/security; Hallmark Iron Works, Inc., Newington, miscellaneous metal & handrails; Carlisle, built-up roof supplier; Prospect Enterprises, Inc., Sterling, roofing contractor; and Dow Chemical, wall & foundation insulation.

Also, Columbia Lumber, millwork; Copeland Glass Co., Gadsden, AL, glass contractor; Swing-in' Door, Inc., Rockville, MD, hollow metal doors & frames; Hope's Architectural Products, Jamestown, NY, windows; The A.G. Mauro Co., Harrisburg, PA, hardware supplier; Dominion Applicators, Inc., Falls Church, plaster contractor; Ronald D. Mayhew, Inc., Bristow, painting contractor (Tnmecc & Glidden paints); Schindler Elevator Corp., Alexandria, elevator; Atchison & Keller Inc., Washington, DC, plumbing/heating/ventilating/air conditioning contractor; Seal & Co., Inc., Springfield, electrical contractor & security; and Kidde Automated Systems, Columbia, MD, security—under contract to Seal & Co., Inc.



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Hampton Public Library

Rancorn, Wildman, Krause, Brezinski—Architects

Owner: City of Hampton • Location: Hampton

Landscape Architect, H. Eugene Roberts, RWKB • Interior Designer, Carole G. Wydur, RWKB • Site Engineer, Rancorn, Wildman, Krause, Brezinski • Structural Engineer, Stroud, Pence & Associates, Ltd. • Mechanical/Electrical Engineer, Cuppett Design Associates, P.C. • Geotechnical Engineer, ATEC Associates of Virginia • General Contractor, Cochran Construction Company • Photography, Photography Unlimited—Pat Horton.

The new 53,000 square foot Hampton Public Library is designed to blend with its predominantly Victorian neighborhood. Constructed of red brick, the facility features two copper-capped turrets, a slate roof and white trim, which borrow from the palette of the area.

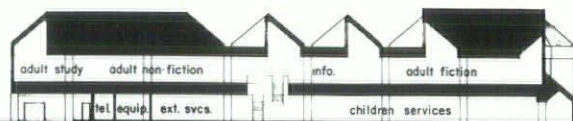
Surrounded by smaller commercial and residential buildings, the design of the library exterior is intended to minimize its massive appearance. The hexagon-shaped turrets anchor diagonal ends of the building and the turrets, gables and roof lines help to visually reduce the building's size.

While the exterior of the structure complements the community, the interior facilitates the comfort and efficiency of the library user. Eye strain is reduced by use of indirect lighting combining





West Elevation



Section A

fluorescent and metal halide lamps. Three north-facing monitors provide natural lighting on the second level. A drive-in window allows patrons easy pick-up and return of books.

The first floor features a large open area for the children's collections, with children's story room in one turret and a gift shop/bookstore in the other. It also includes the collection for the visually and physically impaired, Technical Services, Administration, and two meeting rooms with audio-visual equipment. The Virginia Room, a specially furnished reading room for local history and genealogy collections, fiction, non-fiction, reference, conference rooms, computers, business services and offices comprise the second floor.

The Hampton Public Library serves as a sub-regional repository of materials for the visually and physically handicapped. A raised letter plaque inside the main entrance gives general directions and information on library use and a paved brick area provides tactile directions leading to this collection.

Cochran Construction Company of Hampton was general contractor for the project and handled asphalt concrete paving—pavement mark-

ings, Portland Cement concrete paving—sidewalk, brick gutter, sub-base site foundations, loading dock, and installation of frames, doors, hardware, running trim and access doors.

SUBCONTRACTORS & SUPPLIERS

Other Hampton firms were: Pembroke Construction Co., Inc., site clearing, earthwork, asphalt concrete paving—aggregate base and fine grading for paving; Portland Cement concrete paving—limited to curb, gutter, swale, modified gutter, ramps & entrances, and seeding; Hampton Roads Paving and Materials, asphalt concrete paving—paving above stone; Warwick Air Conditioning Co., Inc., water service piping & sewer, storm collection system & mechanical contractor; Chisman Company, concrete supplier; Virginia Steel, Inc., structural steel, steel joist, metal deck & metal fabrication; A.C. Thomas & Co., finish carpentry supplier, installation of casework; The Tile Shop, Inc., tile, resilient flooring & carpeting; Shaw Paint & Wallpaper Co., Inc., water repellents, painting & wall covering; and Shawels TV & Appliance Co., kitchen appliances.

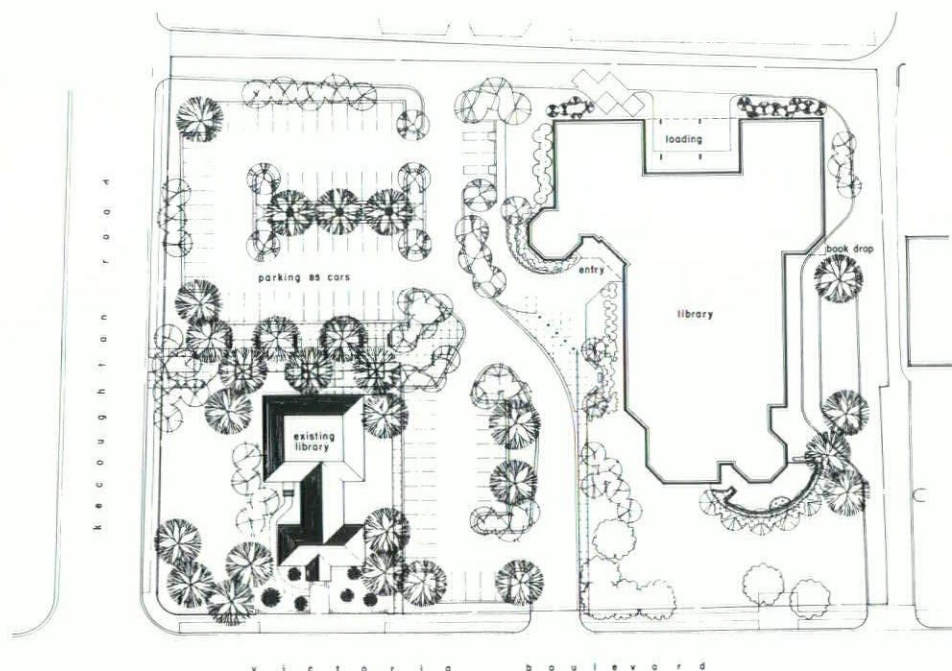
From Norfolk were: Commonwealth Masonry, Inc., brick walkways, brick gutters, brick walls,

unit masonry, insulation & brick flooring; Hall-Hodges Co., Inc., reinforcing supplier; Eastern Roofing Corp., waterproofing, shingles, pre-formed roofing, elastomeric membrane, flashing & sheetmetal, metal fascia, copings & roof accessories; Engineering Steel Equipment Co., toilet partitions, toilet accessories, mirror units, projector screens & unit kitchen; Southern Kinetics, Inc., sound control; and Dover Elevator Co., oilhydraulic elevators.

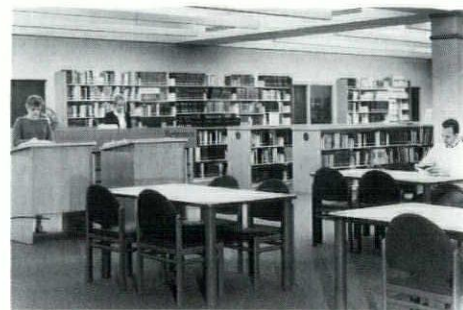
Newport News firms were: Dodson Bros. Exterminating Co., Inc., termite control; Davenport Insulation, Inc., insulation & sprayed on fireproofing; Paul's Plaster & Acoustics, rough carpentry, exterior insulation & finish system; lathe & plaster, gypsum drywall, acoustic ceilings, skydome & luminous ceilings; R.T. Norris Building Supplies, kitchen appliances—Room 107 only; and Quality Window Products Co., window treatment.

And, from Richmond were Zanger Associates, supplied bollards; Roanoke Engineering Sales Co., Inc., folding partitions, fire extinguishers, cabinets & accessories, and library equipment—supplied book drop & access window; and 3M, book detection system.

Others were: Neenah Foundry, Neenah, WI, drains in brick gutters; Bench Mfg. Co., Boston, Mass, supplied benches; Best Manufacturing, Montrose, CO, handicap signs supplier; Herrin Bros. Erection Co., Inc., Portsmouth, joint sealers; H & P Hardware & Specialty, Inc., Portsmouth, builders hardware for steel doors & frames & other builders hardware; Seaboard Building Supply Co., wood doors supplier & subcontractor for overhead door; Atlas Glass Corp., aluminum entrances, aluminum windows, glass & glazing (including caulking); Howard E. Marquart & Co., Chesapeake, louvers & vents; Diebold, Inc., Mechanicsville, library equipment—countertop, counterette & receiver; Robert J. Bates Co., Greensboro, NC, supplied entrance mats; Williams Fire Sprinkler, Williamston, NC, fire protection system; and Smithfield Associates, Smithfield, electrical.



Site Plan



Longfellow Elementary School Acoustic Renovation

Murray & Associates Architects

Owner: Howard County Public Schools •
Location: Columbia, Maryland

Project Architect/Designer, Jo Anne Murray,
AIA • Structural Engineer, Mesen Associates
• Mechanical Engineer, Potomac Energy
Group • General Contractor, Capital Structures,
Inc. • Photography, Michael Stewart.

This '60s open plan school is composed of hexagonal teaching pods flowing around and into the media center, all of which steps down a terraced site to the multi-purpose and administration areas. Increased class sizes dictated acoustical separation of each open-plan pod from the media center, which, due to its funnel shape, was reflecting sound from one pod to another. Visual connections were maintained to retain the sense of openness.

The solution involves a window wall designed around a ramped entrance, in lieu of the existing steps. This allows free access for AV carts and handicapped students. Teaching stations and support spaces in each of four instructional pods were changed to reflect Current Ed Specs, including such improvements as additional chalkboard area, enlarged wet project areas for science classes, and the provision for one containable classroom in each pod of four teaching stations.

All instructional areas and the media center were recarpeted. An enclosed acoustic video production room was added within the media center in order to contain noise at the source. A more space-efficient arrangement of subdividing walls was effected, thus creating more storage from the same amount of space in the administration area.

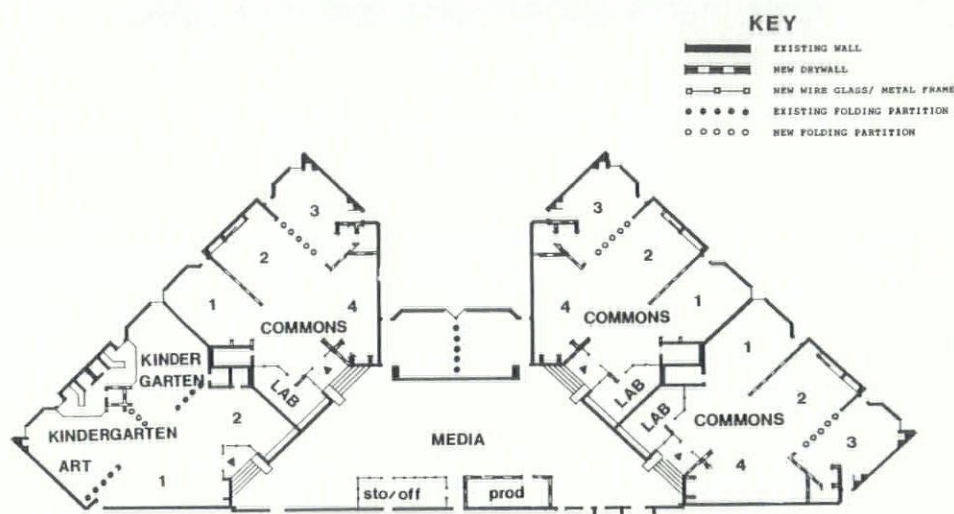
The project was completed in 1986 at a cost of \$230,000.

Capital Structures, Inc. of Catonsville, MD was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

From Baltimore, MD were: 3 Star Ornamental Iron Co., railings; Erdman Lumber Co., Inc., lumber supplier; Atlas Sheet Metal Co., sheet metal; Dennis J. Moran & Sons, Inc., installation of Republic Doors & Frames' metal doors & frames; Continental Aluminum, windows; Commercial Hardware Co., Inc., hardware supplier; Metro Building Supply Co., Inc., gypsum board supplier; Hudson Supply & Equipment Co., acoustical ceiling; Baron, Stage, Curtain & Equipment Co., stage, curtain & track; and Steel Products, Inc., chalkboards & tackboards.

Others were: Glen Seitz, carpentry; Churchville Cabinetry, Churchville, MD, cabinets; Bel Air Glass & Mirror, Bel Air, MD, glass; J & J Indus-

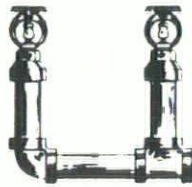


tries, Inc., Dalton, GA, mfr of Commercialon carpet; T. M. Carpets, Catonsville, MD, carpet installation; Sunshine Painting & Home Improvements, Columbia, MD, painting contractor (Duron paints); Rudy Arena Co., Jessup, MD, folding partition supplier; R. F. McKinna, folding partition installation; Hough Mfg. Co., Janesville, WI, folding partition manufacturer; Beaver

Engineering & Construction Co., Towson, MD, heating/ventilating/air conditioning contractor; Commerce Electric Supply, Inc., Linthicum, MD, lighting fixtures supplier; Ted Daigle Electrical Service, Westminster, MD, electrical contractor; Decoustics—Rexdale, Ontario, Canada, acoustic wall panels; Ferguson Enterprises, sinks; and Corbin mfr., locks.



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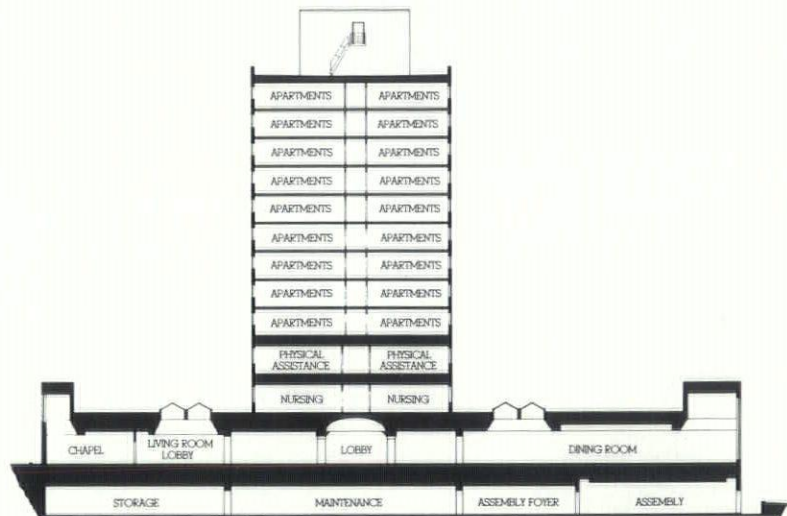
Masonry Contractor for The Goodwin House West, featured in this issue

The Goodwin House West

INNOVA Architecture, Ltd.

Owner: The Episcopal Diocese of Virginia •
Location: Bailey's Crossroads, Fairfax County

Project Architect/Designer, Paul C. Quigg, Sr. • **Landscape Architect,** Meade Palmer • **Interior Designer,** Intramurus • **Site Engineer/Surveyor,** Holland Engineering • **Structural Engineer,** Gray/Heinzman • **Mechanical/Electrical Engineer,** GHT, Ltd. • **Geotechnical Engineer,** Schnabel Engineering Associates • **General Contractor,** Eugene Simpson & Brother, Inc. • **Photography,** Clifton L. Spence III.



The Goodwin House West is a 13-story apartment house for the elderly, complete in its service to residents today and into the future. Its design is reminiscent of the elegant apartment-hotels of the past, utilizing traditional architectural motifs and a cross-shaped floor plan.

The building's predominant material is brick with accent courses to highlight the interior subdivision of floors. The structural system is cast-in-place concrete. Heating and cooling are provided to the apartments through a four-pipe water system.

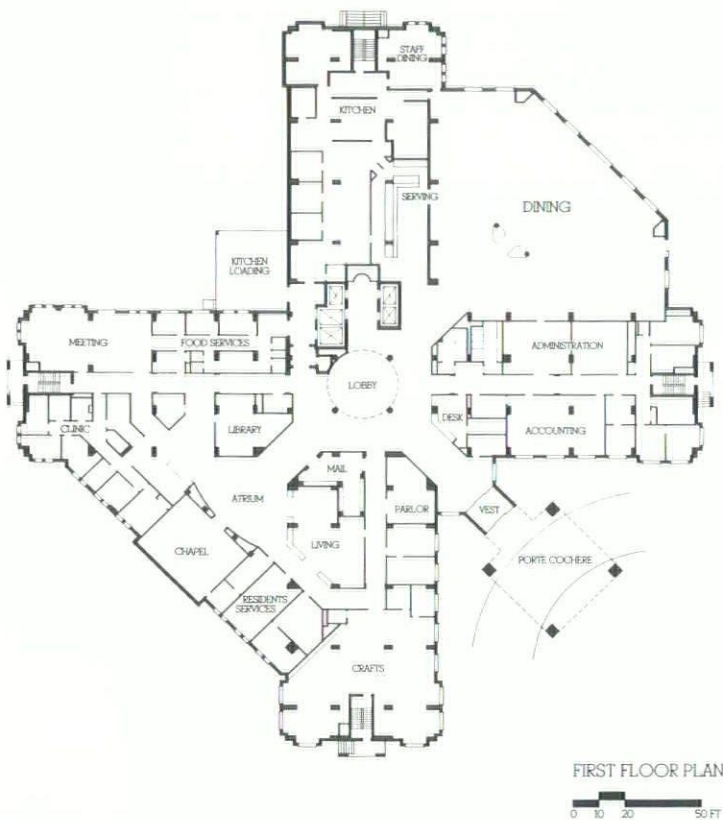
The owner, the Episcopal Diocese of Virginia, arranged for the sale of industrial revenue bonds to finance the more than 32 million dollar budget. The project was completed November 1, 1987.

Entering under the porte cochere, the formal domed lobby at the building core allows access to many public spaces. They include a dining room for residents complete with commercial kitchen, chapel, clinic, library and staff administrative offices. Adjacent to the lobby, two separate groups of six skylights bring strong daylight into interior portions of the first floor. In the dining room, windows allow an expansive view of the site and neighborhood.

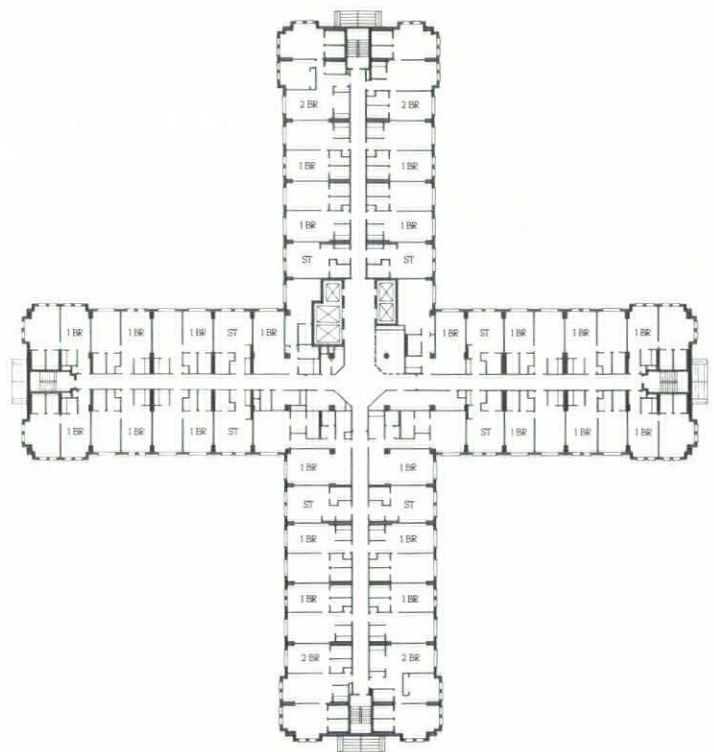
The lower level houses various mechanical rooms as well as an assembly room, laundry service facilities, and a beauty shop. A carpet cutting room serves the continuous installation of new carpeting in apartments.

The second floor nursing level is licensed by the Commonwealth of Virginia for skilled care. It





FIRST FLOOR PLAN



APARTMENT FLOOR PLAN

provides long-term care to residents requiring 24-hour nursing assistance. An outdoor terrace on this level allows access to fresh air and an abundance of planting.

The third floor is devoted to residents who require assistance with day-to-day functions

such as dressing, bathing or taking medication. Centrally located nurses' stations serve the cross-shaped plan of the second and third floors quite efficiently. These stations project into the center of the building enough to allow clean lines-of-sight to rooms without inhibiting circulation. Nursing residents take their meals in

several small dining rooms served by remote warming kitchens.

The fourth through twelfth floors are apartment levels for active, independent residents. Studio, one-bedroom, and two-bedroom apartments give potential residents several options to meet financial and spatial needs.

The site provides ample parking for both residents and visitors. A walking path that winds around the site also leads to a variety of shopping and other services.

Eugene Simpson & Brother, Inc. of Alexandria was general contractor for the project.



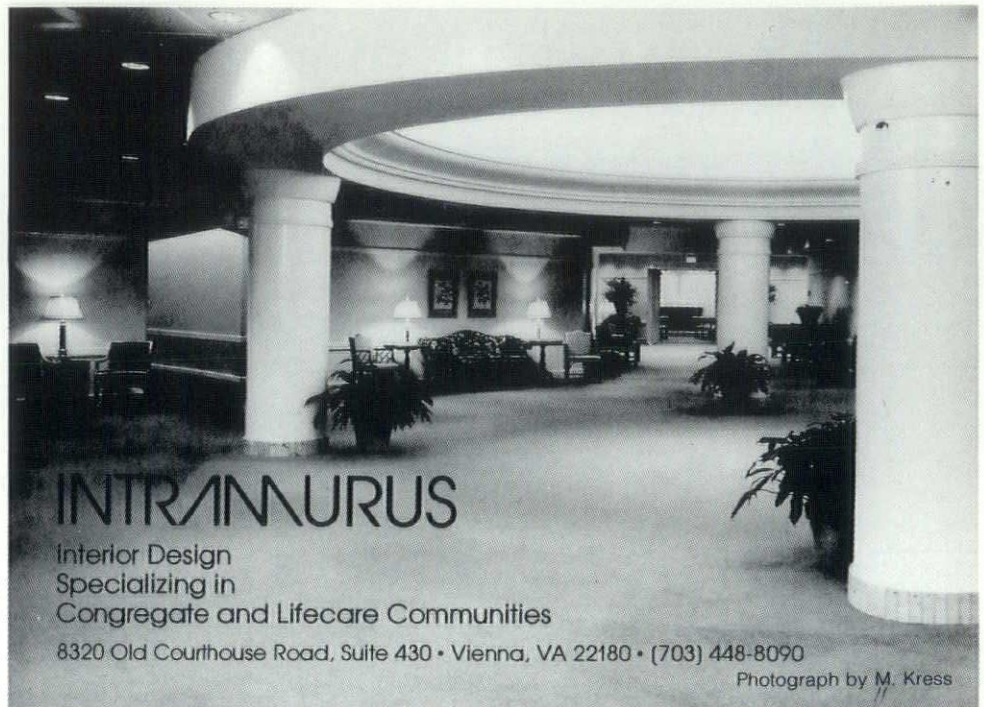
SUBCONTRACTORS & SUPPLIERS

A. G. Van Metre, Jr., Inc., Lorton, excavating; Raymond International Builders, Inc., Gaithersburg, MD, piling & foundations; Green Team, Springfield, landscaping materials & landscaping contractor; Newton Asphalt Co., Inc. of Virginia, Alexandria, paving contractor; SMC Construction, Inc., Alexandria, concrete contractor; Trowbridge Steel Co., Inc., Sterling, reinforcing; Virginia Concrete Co., Inc., Springfield, concrete supplier; Genco, Inc., Bethesda, MD, masonry & stonework contractor; Brick and Tile Corp. of Lawrenceville, Lawrenceville, masonry manufacturer; United Materials & Services, Inc., Manassas, masonry supplier; Coplay Cement Co., Nazareth, PA, mortar; and Arban Associates, Inc., Dumfries, stonework supplier.

Also, Strait Manufacturing & Welding, Inc., Greencastle, PA, steel supplier/erection; Metro


Building Supply Co., Capitol Heights, MD, steel joists; Hamilton Iron Works, Inc., Woodbridge, steel grating, miscellaneous metal & handrails; Rose Roofing Co., Arlington, single-ply roofing & roof insulation; National Applicators, Inc., Capitol Heights, MD, wall insulation & gypsum board contractor; Desert-Dry Waterproofing Contractors, Inc., Alexandria, foundation insulation & waterproofing; Master Carpentry Corp., Silver Spring, MD, carpentry; Arlington Woodworking & Lumber Co., Inc., Manassas, millwork; Contract Kitchen Distributors, Inc., Beltsville, MD, cabinets; Howe Caulking & Restoration Co., Alexandria, caulking; Loudoun Sheet Metal Co., Inc., Chantilly, sheet metal; and Engineered Construction Products, Ltd., Frederick, MD, glass, glazing contractor, windows & storefront.

And, Swingin' Door, Inc., Rockville, MD, metal doors & frames, wood doors & hardware supplier; McClary Tile, Inc., Alexandria, ceramic tile; Acoustical Ceilings, Inc., Fairfax, acoustical ceiling; Superior Floor Covering, Inc., Richmond, resilient tile, carpet & special flooring; Ronald D. Mayhew, Inc., Bristow, painting contractor & wall covering; The Glidden Co., Alexandria, paint supplier/manufacturer; Moore Associates, Falls Church, specialties—trash; Gill Manufacturing, Inc., Seat Pleasant, MD, kitchen equipment; Dover Elevator Co., College Park, MD, elevator; United Sprinkler Co., Inc., Woodbridge, sprinkler contractor; H. C. Ladd & Son, Inc., Rockville, MD, plumbing/heating/ventilating/air conditioning contractor; and Dynalectric Co., Vienna, electrical contractor.



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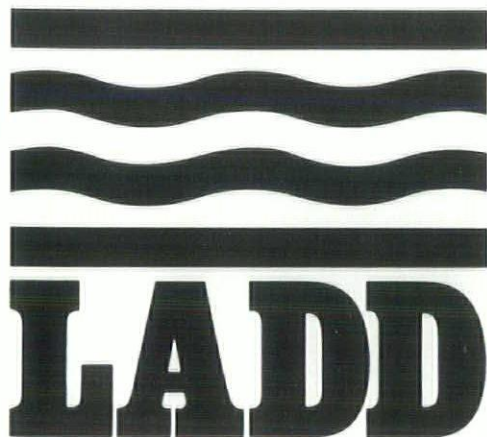
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Owners: Judith M. Capen/Robert A. Weinstein • **Location:** Washington, DC

Project Architect/Designer, Judith Capen/
Robert Weinstein • **General Contractor,** Carter Construction • **Photography,** F. Harlan Hambright & Associates, Inc.



Little was left of the original fabric of the 1895 building when we started work on it. The previous owner had gutted the building to "modernize" it to an early '50s look. Our renovation removed that previous renovation, reversing ill considered decisions, re-establishing some of the strengths of the rowhouse type, and alleviating some inherent rowhouse liabilities.

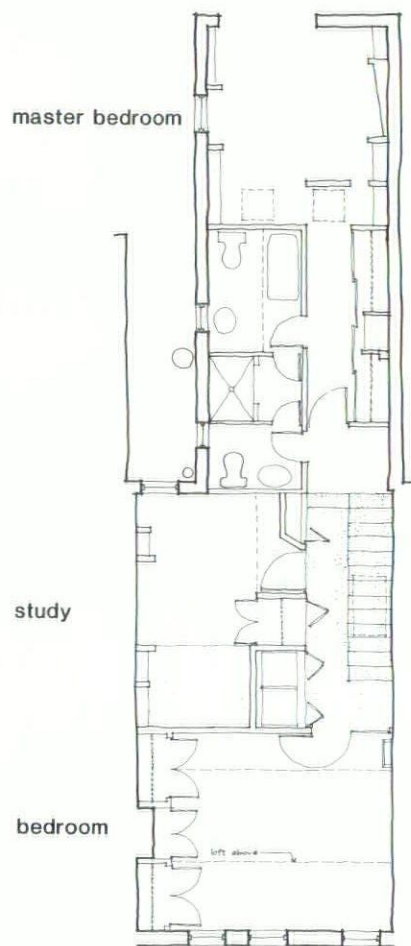
The work proceeded in phases over a number of years. The first phase dug out the cellar to make real space for a one bedroom rental unit. Subsequent phases turned the first and second floor apartments back into a two-story, three bedroom residence. Several of the actions of this renovation involved re-establishing the original layout of the building. We returned the kitchen to the rear of the house to relate to the yard and returned to the two-story residential model.

Because the entire building is modest in size, we felt that large gestures were not appropriate. Thus, the design became one of texture and light. Also, because of the several generations of renovation in the house, a certain archeological quality became part of the design. Brick walls were exposed to reinforce the essential quality of rowhouses: the party wall. They were painted a light tan to contrast in both color and texture to the white, smooth, and non-structural

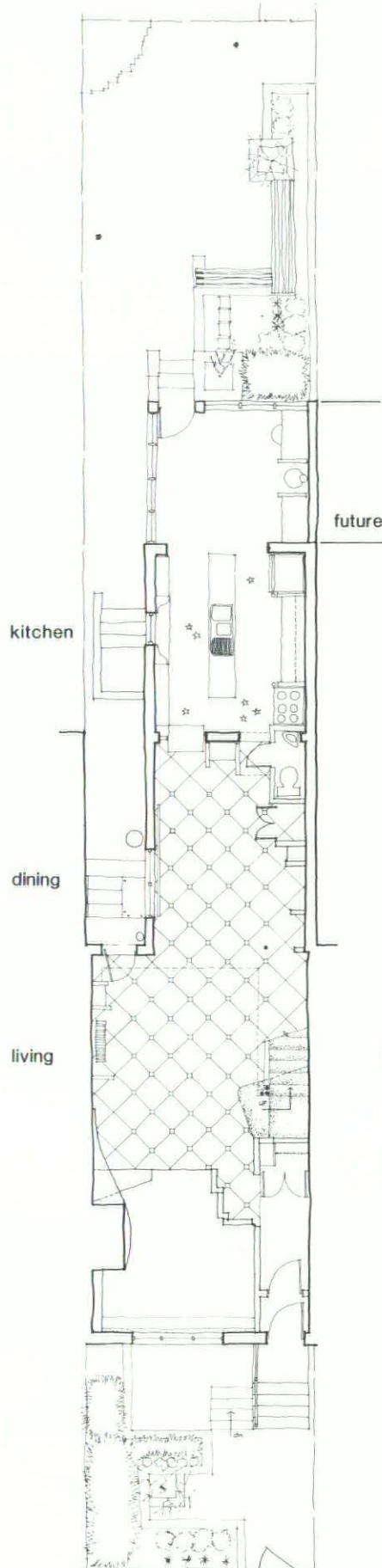


"fins" used to define space and create an order for the clutter of every day living. Exposing the brick also exposed much of the history of previous changes: you can see where a window once was, where the original flue was. Likewise, where we broke through a brick wall we left the edges ragged to show that the opening was not original to the house.

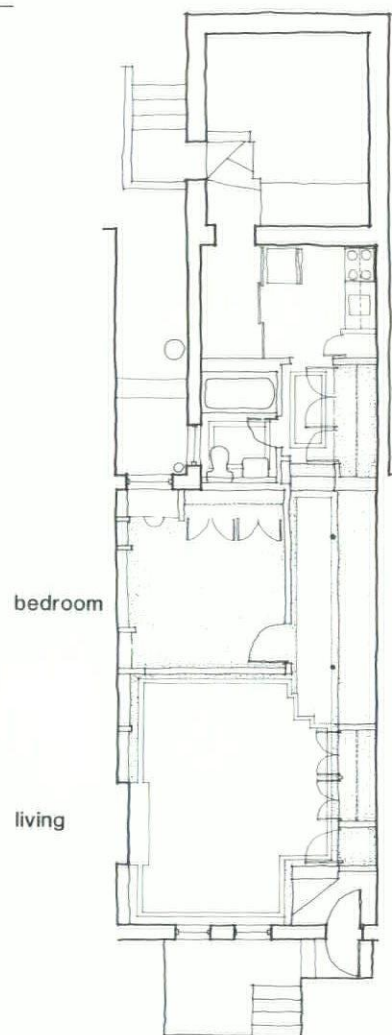
Enlarging the windows by returning them to the full masonry openings and new, non-divided sash helped increase light levels, as did generous skylighting on the second floor. Another idea reincorporated from the traditional row-house was the skylight over the stair, bringing light to the center of the house.



second floor



first floor



basement



after



While the limited floor area of the house was unchanged (except for a planned rear addition, not yet built), brightening up the interior through light and reflective color made a big difference in the sense of spaciousness. We also used a visual trick at the dining room: the dining room window looks at the neighbor's wall of the dogleg light well, just four feet away. It is not a terrific view for a dining room so we painted a trompe l'oeil garden scene on the wall.

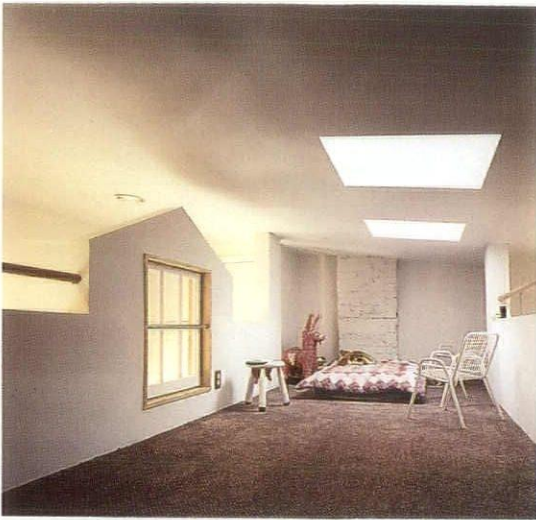
The exterior face of the rowhouse had been denuded of much of its brick detail, and fake, inappropriate, elements like shutters had been added. We removed the removable elements and camouflaged the fact that some of the detail was missing by painting it back on and adding some new "eyebrows" that referred to the missing door and window hoods.

This project is a case study in the evolution of a building: original elements aged and deteriorated; it was "fixed up" by a do-it-yourselfer who made many debatable decisions about materials and forms; that generation of changes was reversed and the building acquired a new character that is a blend of late nineteenth and late twentieth centuries.

Carter Construction of Kensington, Maryland was general contractor and handled carpentry, structural wood, plaster and gypsum board work, special flooring and painting.

SUBCONTRACTORS & SUPPLIERS

Betco Block & Products, Inc., Bethesda, MD, supplied Pittsburgh Corning masonry; Colin Wilkshire, Alexandria, stonework contractor; Higgins Engineering, Schuyler, VA, stonework supplier—Cathedral Stone; McNichols Co., Tampa, FL, plant bench & balcony; The Airolite Co., Marietta, OH, aluminum louvers for skylight shades and for sunshades; Follansbee Steel, Follansbee, WV, roofing; CertainTeed Corp., Valley Forge, PA, roof & wall insulation; Herndon Lumber & Millwork, Inc., Gainesville, millwork &



wood doors; Richard M. Tunis, Inc., Bethesda, MD, Roseline cabinets; and James A. Cassidy Co., Inc., Beltsville, Pella windows.

Also, Union Hardware Decorator Center, Washington, DC, hardware supplier; American Olean Tile Co., Alexandria, ceramic tile; Man Carpet Mills, Los Angeles, CA, Royalweave carpet; How-Mac Paint & Wallcoverings, Washington, DC, paint supplier; Duron Paint Mfg. Co., Beltsville, MD, paint manufacturer; Atlantis Equipment Co., Baltimore, MD, Franklin Chef stove; Apex Plumbing Supply, Inc., Brentwood, MD, plumbing fixture supplier; Fry Plumbing & Heating Corp., Washington, DC, plumbing contractor; CBS, Gaithersburg, MD, heating/ventilating/air conditioning contractor; Maurice Electrical Supply Co., Inc., Washington, DC, lighting fixtures supplier; and W. C. Burgess, Inc., Washington, DC, electrical contractor.



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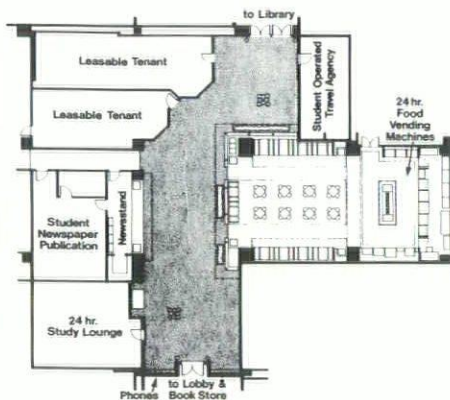
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Concession Concourse at Marvin Student Center George Washington University

Murray & Associates Architects

Owner: The George Washington University •
Location: Washington, DC

Project Architect/Designer, Jo Anne Murray,
AIA • Mechanical/Electrical Engineer, GWU
Staff • Food Service Consultant, Macke Corporation • General Contractor, American Property Construction • Photography, Michael Stewart.



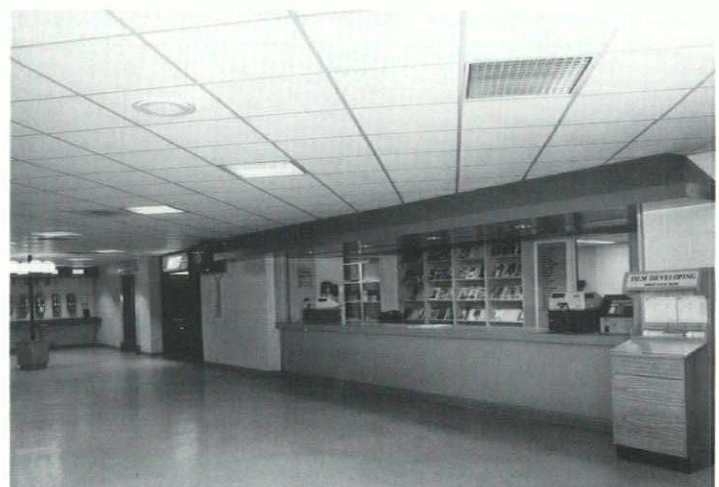
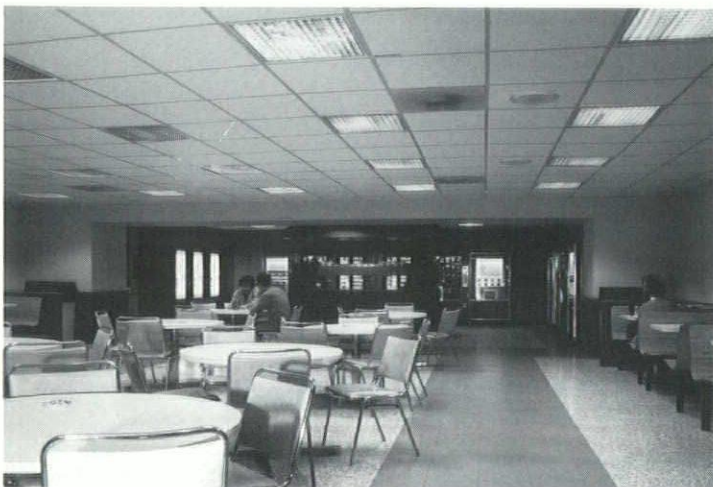
George Washington University's student center acquired new shops and a new look under a plan developed by Murray & Associates. Awnings, streetlights and a variety of "street furniture" lend a whimsical outdoor touch to the indoor, below-grade concession concourse, a busy link between the main library and the university bookstore on the Marvin Center's lower level.

The project is seen as part of a widespread trend: student centers are changing to appeal to a more sophisticated student population, increasingly wooed by off-campus specialty retailers. The Marvin Center remodeling not only creates a new image on a very modest budget (approximately \$150,000) but also gives users more opportunities to linger. The space now provides telephones and an automatic teller machine as well as a remodeled newsstand, a vending machine cafe, several new leasable shops, and "storefront" offices for student organizations, such as a travel agency.

American Property Construction of Alexandria was general contractor for the project and handled gypsum board.

SUBCONTRACTORS & SUPPLIERS

Wood Alive Woodworks, Centerville, millwork & paneling; Herson Glass Co., Washington, DC, glazing contractor; Lester's Hardware, Springfield, hardware supplier—Best, Stanley, Ives, LCN products; Armstrong Ceilings, acoustical treatment; Beltway Carpet Service, Inc., Clinton, MD, installation of Armstrong, VPI, vinyl flooring; Sparkle Painting Co., Alexandria, painting contractor; Glidden Paints, Manassas, paint manufacturer; Capital Asam, Inc., Capitol Heights, MD, wall covering—Koroseal by B.F. Goodrich; CSI, Muncy, PA, Pedigrid floor mat; The Macke Co., Cheverly, MD, equipment; E. J. Whelan & Co., Beltsville, MD, plumbing contractor; Shamrock Service Co., Takoma Park, MD, HVAC contractor; Carnes, HVAC products—diffusers & grilles; Capital Lighting & Supply, Inc., Alexandria and Sterner Lighting System, Inc., Winsted, MN, lighting fixtures suppliers; J. E. Richards, College Park, MD, electrical contractor; Cornell Iron Works, Inc., Wilkes Barre, PA, rolling grille supplier; and Metropolitan Rolling Door, Inc., College Park, MD, installation of rolling grille.



Currey Animal Clinic

Murray & Associates Architects

Owner: Dr. Gordon Currey • **Location:** Bethesda, Maryland.

Project Architect/Designer, Jo Anne Murray, AIA • **Mechanical/Electrical Engineer,** Potomac Energy Group, Inc. • **General Contractor,** Samperton Construction Co., Inc. • **Photography,** Michael Stewart.

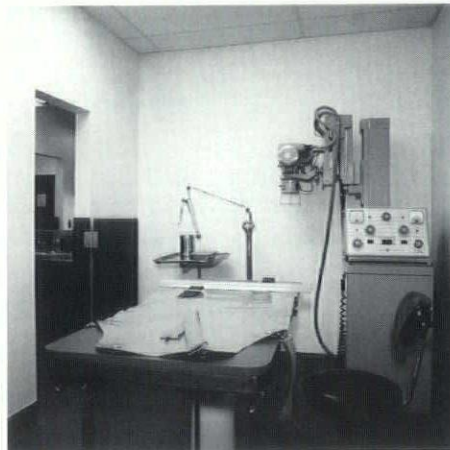
This 2000 sq. ft. clinic includes two examining rooms, a doctors office, administration/reception area, a surgery room, and a grooming/kennel room. For ease of maintenance the flooring is a monolithic troweled composition flooring pitched to drains. Hose racks are located beneath sinks and the entire floor can be hosed down nightly with steaming hot water. The wall is finished with a seamless sprayed-on epoxy coating for similar ease of maintenance.

The project was completed in 1986 for \$128,000.

Samperton Construction Co., Inc. of Chevy Chase, Maryland, was general contractor for the project.

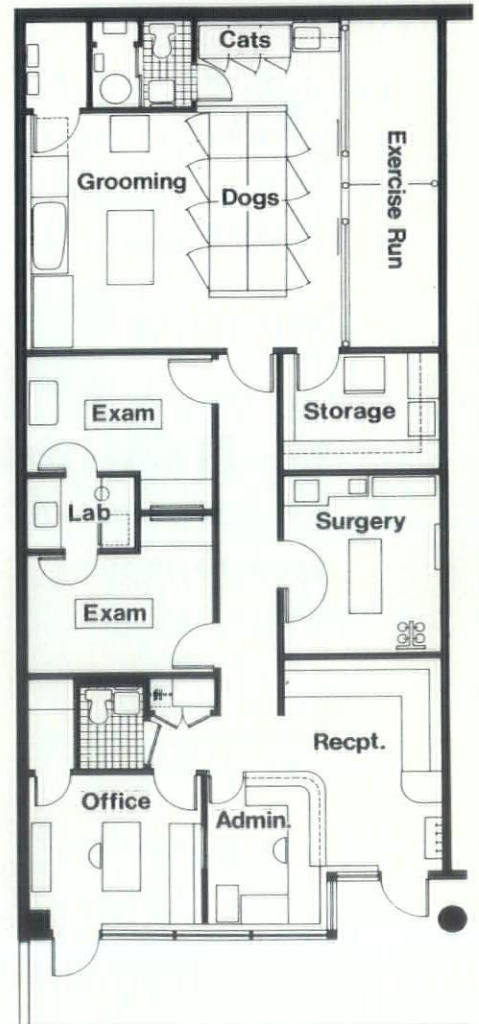
SUBCONTRACTORS & SUPPLIERS

David Thompson, Inc., Arlington, millwork; L.P. Heating & Air Conditioning Co., Inc., Gaithersburg, MD, sheet metal & heating/ventilating/air conditioning contractor; Chevy Chase Glass Co., Bethesda, MD, glass, glazing & windows; Builders Hardware Corp., hardware supplier & installation of Steelcraft metal doors & frames (by American Standard, Cincinnati, OH); Bartholow Dry Wall Co., Kensington, MD, gypsum board contractor; J. E. Steigerwald, Baltimore, MD,



installation of Dexotex epoxy terrazzo; Armstrong Ceilings, acoustical treatment; Myers Christiansen, Inc., Kensington, MD, painting contractor (Duron paints) & installation of Polomyx wall covering supplied by SHC Distributors, Bladensburg, MD.

Also, McGrath Co., accessories distributor; Peter Pepper Products, Potomac, MD, equipment; Sub-Zero—refrigerator; American Standard/Kohler, plumbing fixtures; Thomas E. Clark, Inc., Washington, DC, plumbing contractor; Carrier Corp., Syracuse, NY, heating/ventilating/air conditioning equipment; U.S. Electric Supply Co., Gaithersburg, MD, lighting & electrical equipment supplier (Square D/Alkco); Pel Bern Electric, Inc., Rockville, MD, electrical contractor; Sears, Roebuck & Co., Inc., Kenmore washer/dryer; Bobrick Washroom Equipment, Inc., N. Hollywood, CA, toilet accessories; and Capital-Asam, Inc., Washington, DC, B.F. Goodrich vinyl wall coverings.





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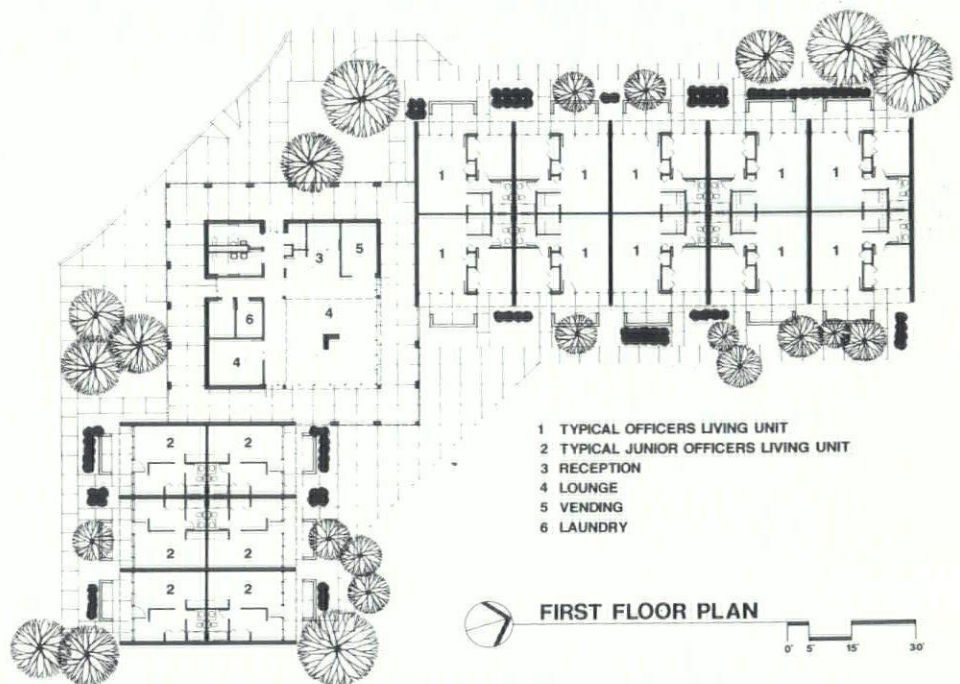
UOPH, UEPH & Dining Facility Naval Surface Weapons Center Detachment The Moseley Group—Architects

Owner: Department of the Navy, Naval Facilities Engineering Command, Chesapeake Division • Location: Wallops Island

Project Team: William W. Moseley, AIA, President; James N. Copeland, AIA, Project Manager; John J. Moore, III, AIA; Elliott W. Law, AIA; Ronald D. Crouch, Associate AIA; and Robert D. Scott, Jr., AIA • Landscape Architect, Paul E. Gareau • Mechanical/Electrical/Civil Engineers, Hankins and Anderson, Inc. • Structural Engineer, Dunbar, Milby and Williams • General Contractor, W. B. Venables & Sons, Inc.

OWNER'S PROGRAM

As part of the AEGIS combat engineering and training systems and FY 83 MCON Program, Congress directed the construction of housing and support facilities, at the NASA/Goddard Wallops Flight Facility, to support permanent and transient military personnel. The Navy's program requirements were to provide housing and dining facilities, conforming to Military Standards, to accommodate 88 enlisted and 16 officer personnel. The enlisted housing areas were to be modular and flexible in design to accommodate four, two, or one personnel per room module, thus providing the flexibility to house any combination of enlisted class levels. The officers' housing area was to be separate compartment type housing to accommodate both Junior and Senior Officers. The Navy's design objective was to provide a facility that



SITE PLAN

- 1 UNACCOMPANIED OFFICER PERSONNEL HOUSING
- 2 UNACCOMPANIED ENLISTED PERSONNEL HOUSING
- 3 ENTRANCE ROAD
- 4 RV PARKING



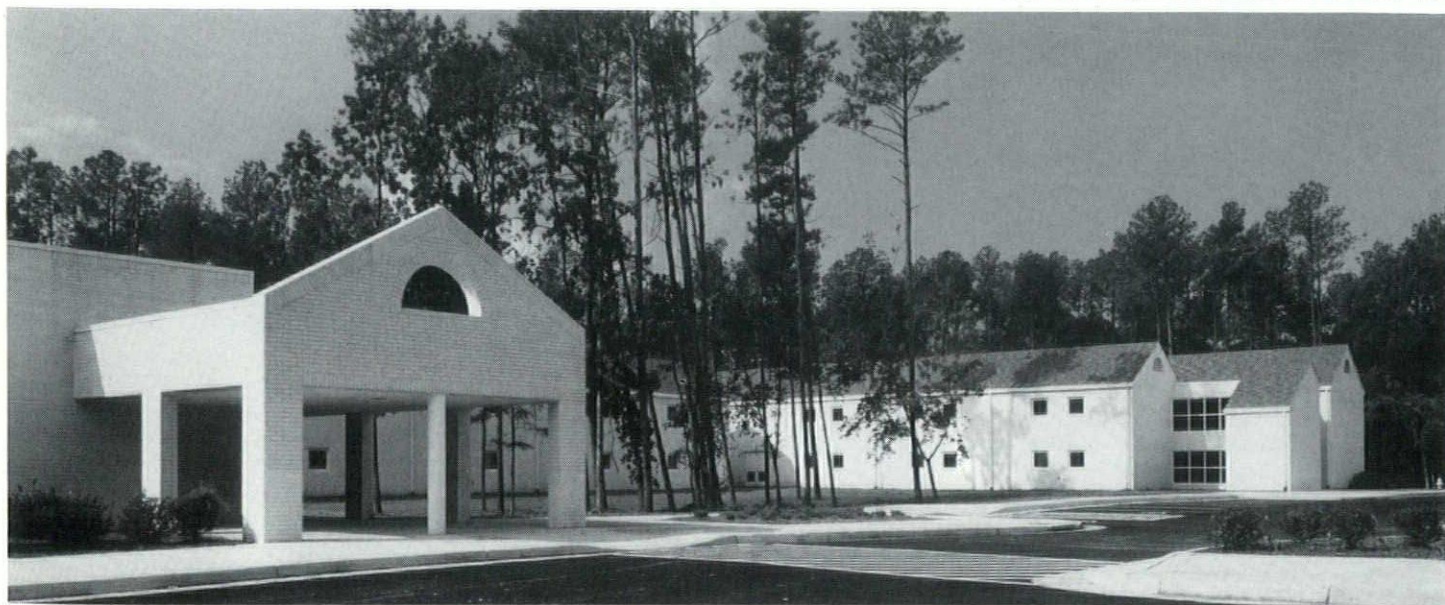
expresses a residential character for transient Naval personnel, and of such quality to reinforce the host-tenant relationship between Navy and Wallops Flight Facility.

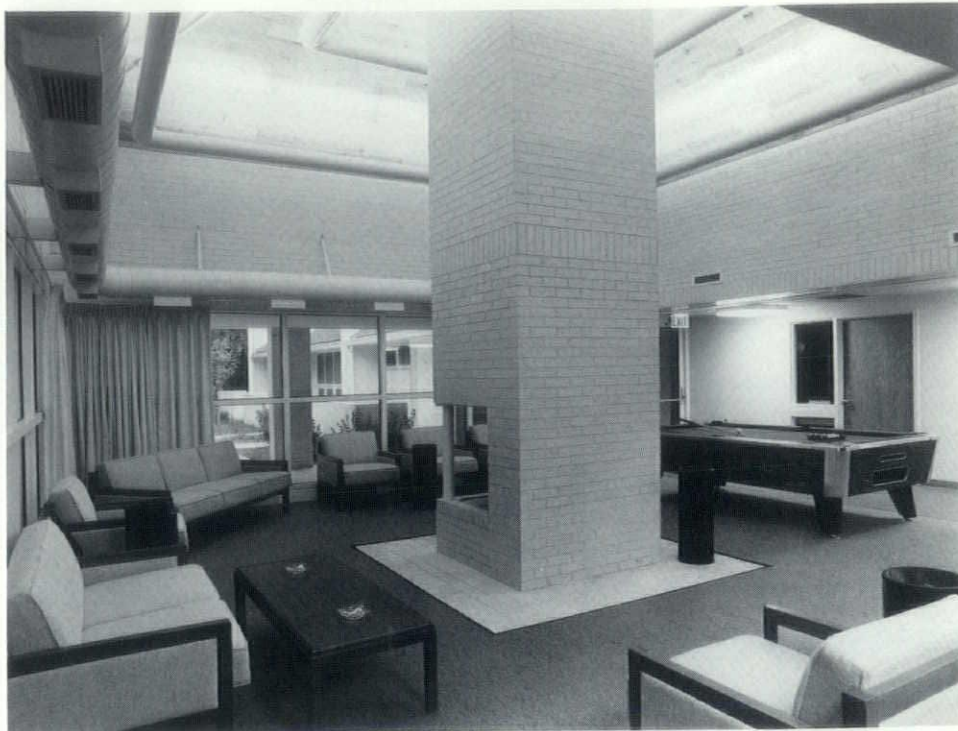
SITE DESCRIPTION

The site selected was a 14-acre site just outside the secure perimeter of the NASA/Goddard Wallops Flight Facility. This site was selected under a host-tenant agreement between the Navy and NASA. Because of the flatness of the site, swales and to be developed to maintain and control site drainage.

DESIGN SOLUTION

The conceptual design of the UOPH, UEPH and EDF was based on providing a residential environment that would allow transient Navy personnel to feel a sense of "home away from home." The residential feeling is expressed through the use of a white brick exterior, sloping asphalt shingle roofs, residential scale win-





dows, landscaped terraces and canopies. The wooded site provides an opportunity to enhance this residential feeling.

CONSTRUCTION CREDITS

W. B. Venables & Sons, Inc. of Laurel, Delaware was general contractor and handled cast-in-place concrete, rough carpentry, bituminous dampproofing, perimeter insulation, sealants & caulking. Mark R. Figgs was project manager, and William R. Smart was project superintendent.

struction, Laurel, DE, fluid applied resilient flooring; Charles Shaid of Delaware, Chester, PA, field painting; Michael Gordon, Inc., Fairfax, wall & door louvers; Door Engineering Corp., Norfolk, loading dock equipment; Essbar Equipment Co., Wilmington, DE, food service

equipment; O. A. Newton & Son, Bridgeville, DE, electric kitchen equipment; KLN Steel Products Co., San Antonio, TX, wardrobes; GrayShore Shade & Blind, venetian blinds; Enterprise Mechanical, mechanical; and Rommel Electric Co., electrical.

SUBCONTRACTORS & SUPPLIERS

(Salisbury, Maryland firms unless noted)

ATEC Associates, Inc., testing; Lance J. Eller, Inc., Tasley, demolition & removal, site work & site utilities; Home Exterminating Co., soil treatment; Hercules Fence, Norfolk, chain link fence; C. Lee Davis, New Church, concrete supplier; Hall-Hodges Co., Inc., Norfolk, rebar; Allen Tyler & Son, Inc., Cambridge, MD, masonry; Salisbury Steel Products, Inc., structural steel, steel joists/roof deck, metal fabrications, hollow metal doors, overhead coiling doors, finish hardware, toilet partitions & toilet accessories; Delmarva Acoustical & Plastering, cold formed metal framing, ceiling/wall/floor insulation, metal support system, gypsum wallboard & acoustical treatment; Shaffner Industries, Inc., Chesapeake, trusses; and Pokomoke Countertops, Pocomoke, MD, finish carpentry, kitchen & vanity cabinets.

Also, J. D. Miles & Sons, Inc., Chesapeake, roof insulation, asphalt shingles, elastomeric roofing, flashing & sheet metal; Allen Tyler & Son, Inc., Cambridge, MD, masonry wall insulation; Masten Home Center, Fruitland, MD, wood doors; Walker & Laberge Co., Inc., Delmar, DE, aluminum doors & frames, aluminum windows & glazing; Value Carpet Mart, ceramic tile, resilient flooring, carpet & carpet tile; Consolidated Con-



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Winchester-Frederick County Visitor Center/Chamber of Commerce

Bond Comet Westmoreland + Galusha, Architects

Owner: City of Winchester • Location: Winchester

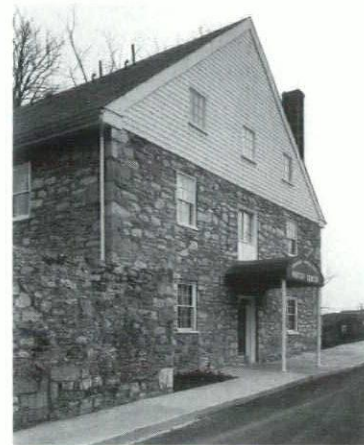
Project Architect/Designer, Robert Comet, AIA/John Blackmon • Site/Structural/Mechanical/Electrical Engineer, Hanover Engineers • General Contractor, WOCAP Energy Resources, Inc. • Photography: Interiors—Robert Comet; Exteriors—Whitney Cox.

CLIENT/PROGRAM

The City of Winchester and Frederick County wanted to convert an abandoned, historic (1700s) millhouse into the Winchester-Frederick County Visitor Center and Chamber of Commerce. The existing two-story stone building, which was last used as a city pump house, was sited in a flood plain and had active springs running through its ground floor. The clients wanted to take advantage of the existing historic shell, despite its state of disrepair, and use the building and its park-like setting to welcome future visitors to the Winchester area, which abounds in historic attractions. The lower level was to serve as a Visitor Center, with the upper floor serving as the Chamber of Commerce.

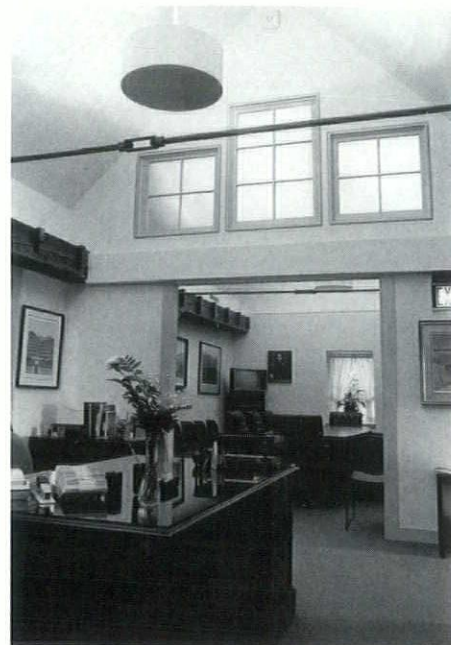
SITE

Off of I-81, and adjacent to Abraham's Delight (the historic Hollingsworth house) and the Shenandoah Conservatory of Music, the site offered location, visibility and access from a major city artery, key to the project's potential success. The availability of land for adequate parking was also critical. Offsetting the beauty of the site was the fact that the building was sited in the flood plain.



DESIGN SOLUTION

Using the existing two-story layout of the small building to divide the dual functions of the program, the lower level was designated as the Visitor Center for its ease of accessibility and potential adjacency to an outdoor courtyard space. The floor of the lower area, once home to large pumping equipment, was raised 5'-0", clear of the flood plain. The area below the new floor slab was filled with porous materials, allowing the existing springs to run their course free of the new building functions. A new door was placed in an existing opening at the new finish floor level and is sheltered with a brightly colored awning/marquee. The new entrance leads to a glass block vestibule and then into a large visitors' space filled with information and changing displays of the Winchester area. The new space with a ceiling height of 8'-0" is left as open as possible to visually expand the space. Smaller subsidiary spaces have become storage and bathroom facilities. An adjacent outdoor space is to be developed to accommodate the seasonal swell of visitors.





SECTION THRU VISITOR CENTER/
CHAMBER OF COMMERCE

The second floor was designated the new Chamber of Commerce, but was limited by an unusually low ceiling height. The original second floor had, during a previous renovation, been raised and replaced with a poured in place concrete slab, leaving a clear floor-to-ceiling height of just over seven feet. To overcome this low ceiling plane, heavy timber beams and plaster in the center bay of the building and running from end to end were removed to allow a one-and-a-half story space for an entrance/secretarial space and board room. New tie rods maintain the structural integrity of the building while opening the space to existing windows in the third floor attic space. The secondary functions were placed in spaces to either side of this grand space, and are as open as possible to the large center space.

The project was opened to the public in September 1987, and included a visit from the Governor as part of the opening ceremonies.

CONSTRUCTION CREDITS

WOCAP Energy Resources, Inc. of Cumberland, Maryland was general contractor and handled masonry repairs, roof and wall insulation, carpentry, and gypsum board.

The owner, the City of Winchester, handled landscaping materials and paving.

SUBCONTRACTORS & SUPPLIERS

Supreme Concrete Block Inc. and Valley Concrete Walls, Winchester, concrete suppliers; United Builders, Inc., Berryville, millwork; Oscar F. Henry Co., Charleston, WV, wood doors & hardware supplier; M.W. Manufacturing, Rocky Mount, VA, windows; U.S. Ceramic Tile Co., Canton, OH, ceramic tile; Buchanan Lumber Co., Cumberland, MD, acoustical treatment; Arm-

strong World Industries, Inc., Lancaster, PA, carpet—materials; Ron Poe, Winchester, carpet—installation; House of Color, Winchester, painting contractor; Benjamin Moore Paints, Chester, paint manufacturer; All American Metal Corp. (AAMCO), Freeport, NY, toilet partitions; Bobrick Washroom Equipment, Inc., North Hollywood, CA, equipment; Benchmark Mechan-

ical, Cumberland, MD, plumbing fixture supplier & plumbing/heating/ventilating/air conditioning contractor; Lithonia Lighting, Conyers, GA, lighting fixtures supplier; Blue & Grey Electrical Service & Lighting Center, Winchester, electrical contractor; Thermo-Press Corp., Richmond, storm windows; and Washington Canopies, Inc., Hyattsville, MD, canopy.





THE EXECUTIVE MANSION in Richmond—home of Virginia's first families since 1813.

An Architectural Blend of Old and New Awaits Historic Garden Week Visitors

by
Charlotte Taylor Massie



Historic Garden Week will be this year, as it has been for 55 years, an outstanding springtime attraction in the country.

A wide range of homes of historic importance and architectural interest are included in the 200 homes and gardens selected for the tours in 34 areas of the state. Visitors have an opportunity to see homes and gardens that are privately owned and open only during Historic Garden Week, April 23 through May 1.

A highlight of the tour in Richmond will be a visit to the Executive Mansion, home of Virginia's first families since 1813, and the oldest continually occupied governor's mansion in the United States. In celebration of the 175th Anniversary of this magnificent Virginia Historic Landmark,

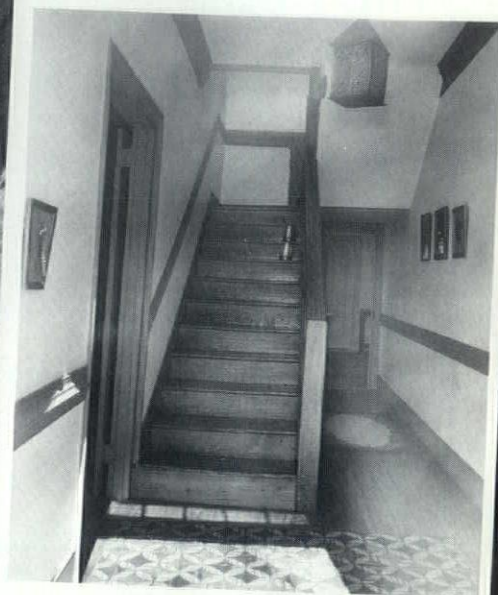
tours will be held Tuesday, April 26 through Saturday, April 30, from 2 to 5:30 p.m., and a candlelight tour, with costumed hostesses and period music Thursday, April 28, from 7 to 9 p.m.

The architecture of Colonial Virginia came from England, though "its great period of style in the 18th century was modified by economics and tempered by climate."

Even the simplest cottage or dwelling boasts some measure of fine woodwork. The early American plantation house at Belle Air is one of the few surviving examples of the modest frame plantation home during the latter half of the 17th century. A half-story frame house with chimneys on either end, it is unpretentious in size but an exceptionally fine plantation dwelling by



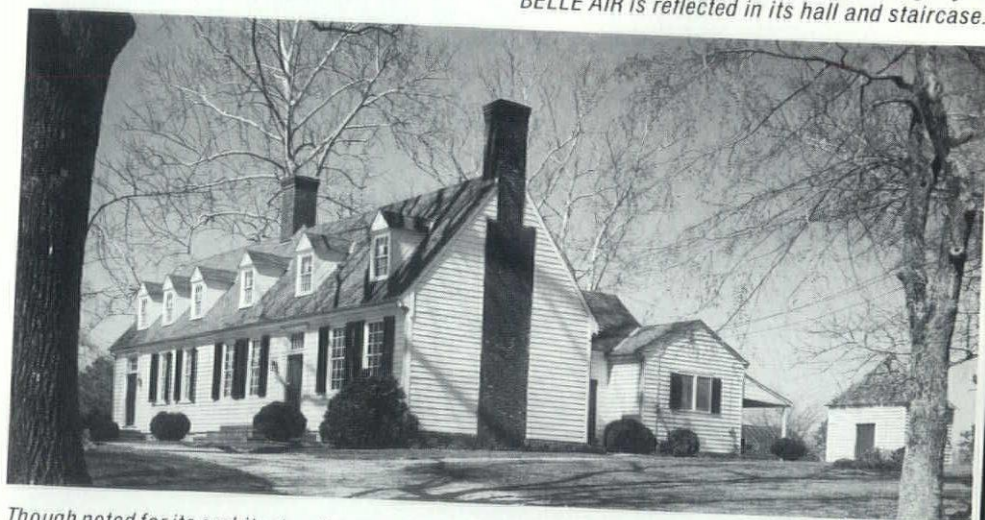
MAYHURST—Victorian splendor at its best—Orange County. (Photo by Muncy and Muncy)



James River Plantations—The simple dignity of BELLE AIR is reflected in its hall and staircase.

17th century standards. The staircase at Belle Air is one of the finest Jacobean staircases in America.

Gracing a hilltop in a lovely pastoral setting, the original main section of the Federal style country home at Saratoga Farm in Clarke County was built in 1781 by Hessian prisoners for General Daniel Morgan. Native limestone forms the two-foot thick walls, and the interior features handsome detailed woodwork around the fireplaces and ceilings of the spacious rooms.



Though noted for its architectural rarity, much of BELLE AIR'S charm lies in its simplicity and warm informal atmosphere.

Mayhurst, a grand and delightful house in Orange County, is Victorian splendor at its best. An Italianate style villa with 26 rooms, this architectural gem was built by Colonel John Willis, great-nephew of President James Madison.

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c.1778



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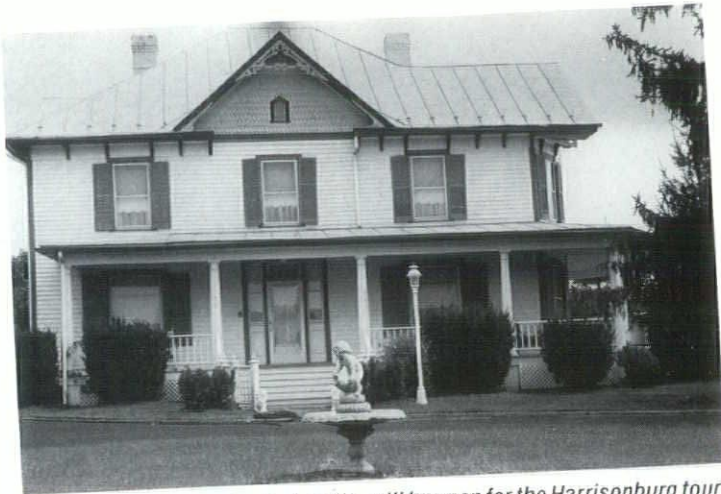
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On the tour in Williamsburg will be both old and new styles of architecture. Shown here is a rear view of the ROBERTS' RESIDENCE.



BREEZY HILL, located in Burkeville, will be open for the Harrisonburg tour.

son. Architectural details feature piazzas, verandas, balconies, bay windows, round-headed windows and rusticated siding.

Breezy Hill, the stately Victorian home in Harrisonburg, was built in 1908. A breezeway connects the old smokehouse to the main house and is now a music room.

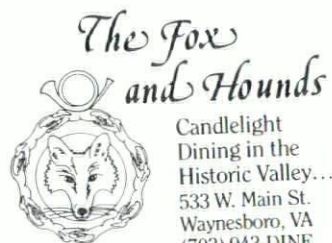


The grounds at SARATOGA FARM were reputed to be the temporary headquarters of General Robert E. Lee during the War Between the States—Clarke County.

In contrast to the homes open on the Williamsburg Tour in the Historic Area, is the Roberts Home at 222 West Queens Drive. Innovative planning and seven months of construction have transformed a two-story house into a dramatically remodeled home. The pattern of geometric angles provides a warm sense of space within and without, opening vistas to the sun-drenched spacious room as well as to Queens Lake. Several steps down from the library is the glass-walled living room and, beyond, decks, plantings and lawn reflect and enhance the angular shape of the house.

Green arrows, the trademark of Historic Garden Week, are placed along the highways and roads to point out the homes and gardens on the tours.

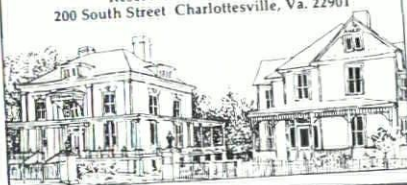
Historic Garden Week in Virginia guidebooks listing the tours, hours and dates, and maps showing detailed routing and location of the tours, will be available March 1, free of charge, at information centers and the Historic Garden Week Headquarters, 12 East Franklin Street, Richmond, Virginia 23219. If requested by mail, the headquarters would appreciate a remittance of \$1 toward the cost of the 184 page guidebook and map.



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Hill—Tuesday, April 26

Country Homes and Gardens—
Wednesday, April 27 and
Thursday, April 28

ALEXANDRIA Saturday, April 30

BRUNSWICK Saturday, April 23

CHATHAM Sunday, April 24

DANVILLE Thursday, April 28

EASTERN SHORE Friday, April 29 and Saturday,
April 30

FAIRFAX Friday, April 29

FAUQUIER-
LOUDOUN Sunday, April 24 and Monday,
April 25

FRANKLIN Saturday, April 23

FREDERICKSBURG Tuesday, April 26

GLOUCESTER Friday, April 29 and Saturday,
April 30

HAMPTON-
NEWPORT NEWS Wednesday, April 27

HANOVER Saturday, April 23

HARRISONBURG Wednesday, April 27

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through Saturday, April 30

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Wednesday, April 27

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through Saturday, April 30

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and Wednesday, April 27

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LEXINGTON Tuesday, April 26

LYNCHBURG Tuesday, April 26

MARTINSVILLE Wednesday, April 27

NORFOLK Wednesday, April 27

NORTHERN NECK Wednesday, April 27

ORANGE Saturday, April 30

PETERSBURG Tuesday, April 26

PORTSMOUTH Saturday, April 23

RICHMOND Tuesday, April 26, Wednesday
April 27 and Thursday, April
28

ROANOKE Sunday, April 24 and Monday,
April 25

STAUNTON Saturday, April 30 and Sunday,
May 1

SUFFOLK Thursday, April 28

VIRGINIA BEACH
RESORT AREA Tuesday, April 26

VIRGINIA BEACH—Thursday, April 28
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WILLIAMSBURG Tuesday, April 26

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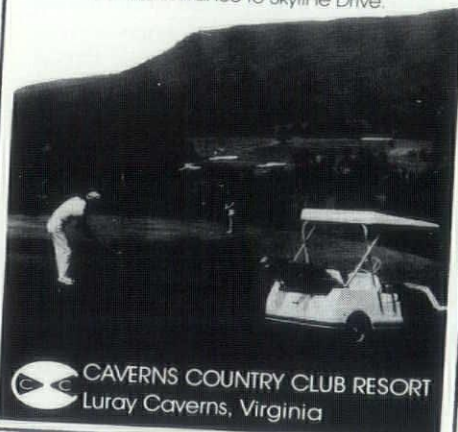
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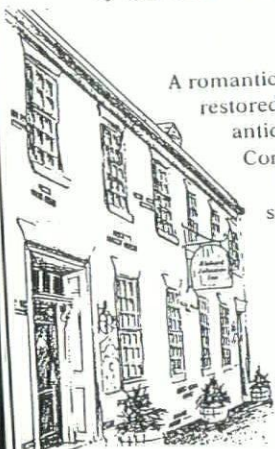
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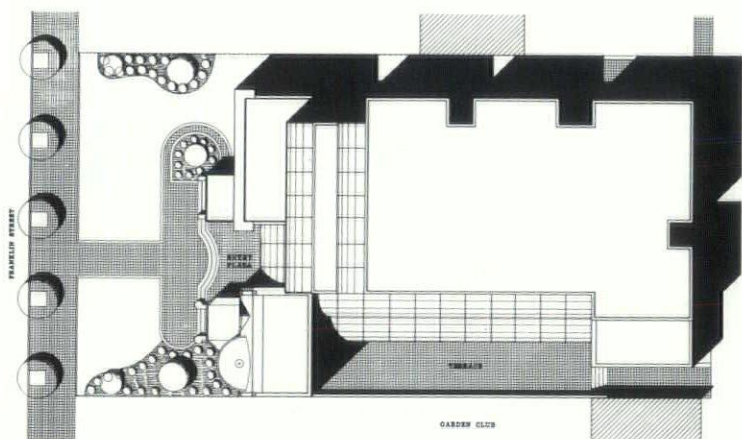
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Ten East Franklin

Glave Newman Anderson, P.C.—Architects

Owner: Ten East Franklin Associates • Location: Richmond

Project Architect/Designer, James M. Glave, AIA • Interior Designer, Glave Newman Anderson P.C. • Structural Engineer, Dunbar, Milby & Williams • Mechanical/Electrical Engineer, Simmons, Rockecharlie & Prince • Geotechnical Engineer, Schnabel Engineering Associates • Scheduling, Brower & Company, Rockville, MD • General Contractor, Alexander Construction Associates, Inc. • Photography, Robert A. Boynton, AIA.



SITE

10 East Franklin Street is located in an area of the city where revitalization of 19th Century structures is rapidly taking place. The site is in the downtown area of Richmond, and borders on several historically designated sections of an area which is peripheral to the central business district. In general, the adjacent structures are three and three-and-a-half story late 1800s residential structures which are typically individual buildings.

OWNER'S PROGRAM

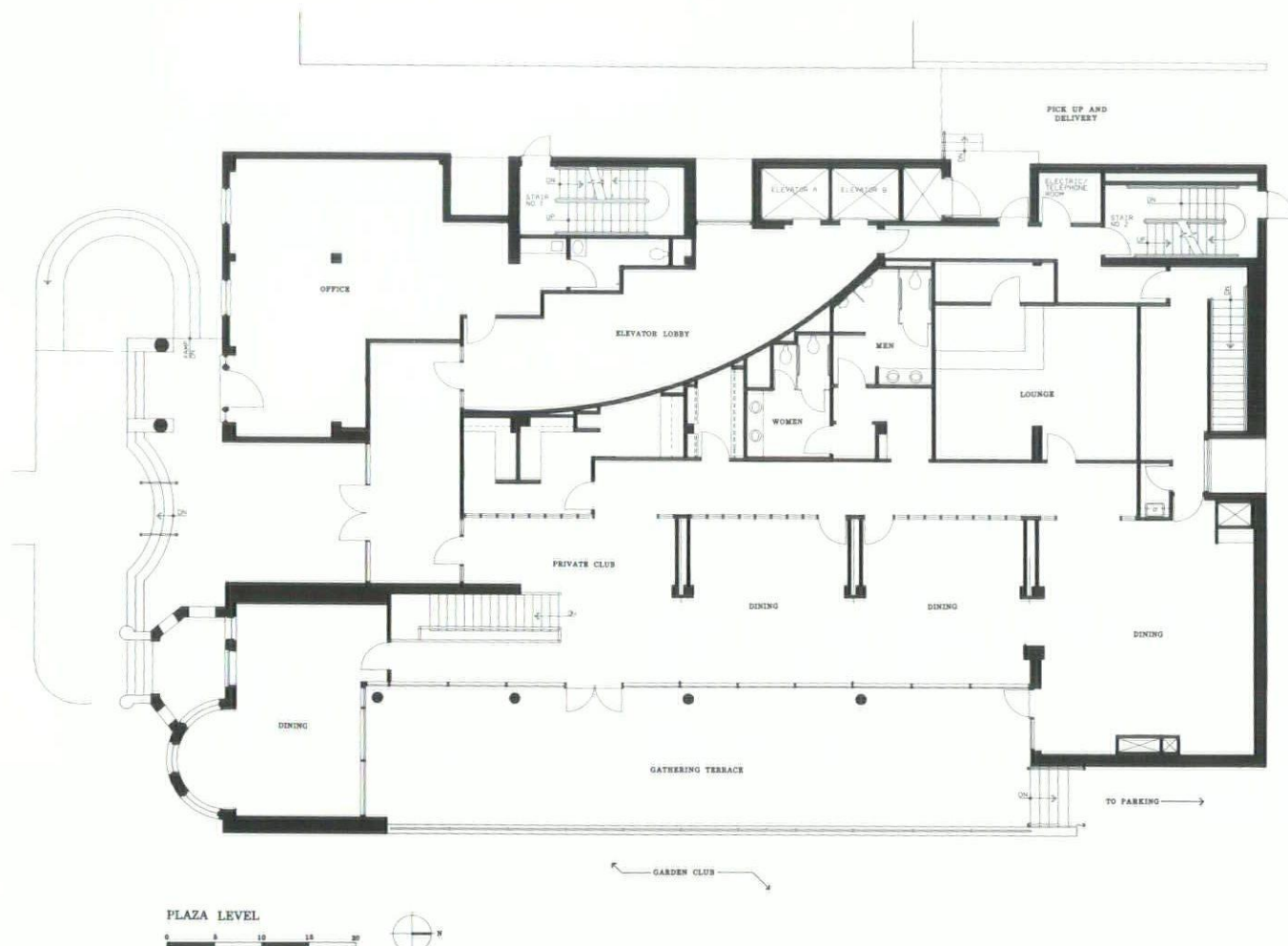
The architectural firm commissioned themselves to design a building to house a growing architectural practice and continue the architectural quality of Franklin Street. The building straddles lots which at one time housed four residences. Of the three original row houses, one house remained standing when the firm acquired the property. The other residences had been leveled, however, there were quite a few references, drawings, etc., of one of the original Greek revival residences. The architects' task was to keep the scale of Franklin Street and build a contemporary, functional in-fill building "reflecting" Richmond heritage.

DESIGN SOLUTION

The architects removed the rear of the existing brownstone residence and rebuilt the facade of the demolished Greek revival residence to the west. Between and behind the two facades was placed a 36,000 square foot office building housing a private club with facilities on the ground floor and lower level, with a dining terrace taking advantage of the adjacent garden. The structure took into account the beautiful gardens of the Garden Club by orienting the major glass facade to the east with views of the garden on the lower floors, trees on the middle floors, and the Richmond skyline on the upper floors.

The gently receding, tiered mirrored glass wall ties the brownstone and brick facades together and maintains the three story scale of the streetscape. The building quietly but boldly reflects the contemporary nature of the use of the interior but yet sensitively encompasses the 1800s residential facades. The building is now 90% occupied.

Alexander Construction Associates, Inc. of Richmond was general contractor for the project and



handled foundations, concrete work, wall and foundation insulation, carpentry, structural wood, wood doors, gypsum board, and special wall finish.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Central Excavators, Inc., Ashland, excavating; J. A. Walder, Inc., Ashland, piling; James River Nurseries, Inc., landscaping materials & landscaping contractor; Elco Concrete Co., Inc., concrete forming; Bethlehem Steel Corp., reinforcing; Massey Concrete Corp., concrete supplier; Capital Masonry Corp., masonry contractor & mortar; Pine Hall Brick & Pipe Co., Inc., Winston-

Salem, NC, masonry manufacturer; Redford Brick Co., Inc., masonry supplier; Seaboard Concrete Products Co., stonework contractor/supplier; Liphart Steel Co., Inc., steel supplier/joists, roof deck & miscellaneous metal; W. O. Grubb Steel Erection, Inc., steel erection; J. B. Eurell Co., roofing, roof insulation & sheet metal; and Colonial Iron Works, Inc., Colonial Heights, handrails.

Also, H. Beckstoffer's Sons, Inc., millwork, cabinets & windows; Richmond Primoid, Inc., waterproofing; Commercial Caulking Co., caulking; W. H. Stovall & Co., Inc., glass, glazing contractor, windows, window wall & storefront; Plea-

sants Hardware, metal doors & frames & hardware supplier; General Tile & Marble Co., Inc., ceramic tile; Acoustics & Interior Construction, Inc., acoustical treatment, resilient tile & carpet; Commonwealth Painting & Decorating Co., painting contractor/paint supplier & wall covering; Sampson Coatings, Inc., paint manufacturer; Roanoke Engineering Sales Co., Inc., specialties; Virginia Elevator Co., Inc., elevator; Commonwealth Sprinkler Co., Inc., sprinkler contractor; Colonial Mechanical Corp., plumbing fixture/electrical equipment supplier & plumbing/heating/ventilating/air conditioning/electrical contractor; and Lightolier, lighting fixtures supplier.

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*Electrical Contractor for
Wolfe Alley Condominiums
featured in this issue*

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**1412 Duke Street
Alexandria, VA 22314**

Wolfe Alley

Donald, LeMay & Page, P.C.—Architects

Owner: Prince Street Development Corp. •
Location: Alexandria

Associated/Consulting Architect, Walter A. Brown, AIA • Project Architect/Designer, James Thackaberry, AIA • Landscape Architect, Andy Balderson • Interior Designer, Linda Wadell • Site Engineer/Surveyor, Kephart & Chan • Structural Engineer, FDE, Ltd. • Mechanical/Electrical Engineer, GNM Associates • General Contractor, Prince Street Development Corp. • Photography, Mike Bricker.

PROGRAM

The program for Wolfe Alley Condominium project presented the opportunity to resolve several interesting design issues. First, the project involved the adaptive reuse of two buildings, both of the late nineteenth century, which are architecturally quite different from one another. Further, the program requirements demanded that additional square footage be accommodated in a compatible addition.

Wolfe Alley, located at the corner of Wolfe and Columbus Streets in Old Town Alexandria, involved the reuse of the old Odd Fellows' Lodge Hall originally built in the 1880s, adapted to accommodate two single-story units and three two-story units. The adjacent building, of similar vintage, originally housed two residences divided by a party wall. More recently, the party wall was replaced by steel beams and columns creating a single tenant condition. Under the new design, the party wall has been restored so that the building once again houses two residences. An eighth unit is located in a new addition which abuts one wall of the existing structure. The organizing element for these three disparate buildings is the courtyard created between the two existing buildings by the removal of several service wing additions and by the removal of exterior stairs that, at one time, provided egress from the upper two floors of the lodge hall. The new addition completes the enclosure of the courtyard from the view of the on-grade parking, located adjacent to the project on Wolfe Street.

CONCEPT

An important aspect of the design concept was the development of an organizing framework that would bring the two existing buildings, with their differences in size and architectural character into a more harmonious relationship with one another. At the same time, both client and architect recognized the importance of maintaining the physical integrity of the free-standing, monumental structure of the old Odd Fellows' Hall. Finally, it was decided that a common area for residents must be designed that provided a degree of privacy.

DESIGN SOLUTION

With these issues in mind, the design solution constituted the restoration of the Odd Fellows' Hall exterior and redesign of its interior, restoration of the stucco exterior of the neighboring building, reconfiguration of that building's roof, and the design of a compatible addition which abuts the existing building. The link connecting these disparate structures is provided by a new courtyard.

The exterior of the Odd Fellows' Hall was cleaned, damage repaired and replacement windows installed. The formerly red brick facades were then painted a soft grey to cover extensive repairs to the brickwork. The grey serves, at once, to highlight the building's distinctive character and complement the new grey slate roof on the building, as well as the red brick of the courtyard and addition and the stucco of the neighboring building.



The building's main entrance now faces the courtyard. The old main entrance to the first floor from Columbus Street has been carefully restored and now serves as the street entrance into one of two units on the first floor. The three, second floor apartments each have a rooftop deck. The decks have shared access via a spiral



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City & State	
Zip	

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**VIRGINIA RECORD
MAGAZINE**
P.O. Drawer 2-Y
Richmond, Va. 23205



staircase which rises through a skylit well open to the floors below.

The street level courtyard serves several purposes. It serves as the entry court from the parking area and from the street for the apartment building. It also provides a common area for the buildings' residents. Finally, the courtyard provides a visual as well as physical connection relating the three buildings of the project to each other yet permitting the visual interest created by their diversity to be maintained.

CONSTRUCTION CREDITS

Prince Street Development Corp. of Alexandria was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

All Seasons Landscaping, Silver Spring, MD, landscaping materials; Lisbon Concrete Corp.,

Springfield, foundations & concrete contractor; J & J Ironworks, Clinton, MD, reinforcing & steel supplier/erection/grating; Sanaker Construction, masonry contractor; Pioneer Roofing & Construction, Alexandria, roofing & roof insulation; Discount Insulation, Springfield, wall & foundation insulation; and Kitchen Center, Alexandria, cabinets.

Also, Barber & Ross Co., Leesburg, glass, glazing contractor, wood doors, windows, & window wall; Monumental Construction & Moulding Co., Washington, DC, plaster contractor; Rowan Construction Co., Reston, gypsum board contractor; Skyline Paint & Hardware, Inc., Roanoke, painting contractor/supplier (Duron Paints); Commonwealth Enterprises of Northern Virginia, Inc., Arlington, plumbing fixture supplier; E. J. Ricket, Alexandria, heating/ventilating/air conditioning contractor; and James R. Harris, Inc., Alexandria, electrical contractor.

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W. David Harris
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Offices for Jones Lumber Company

Andrew S. Fink & Associates, Inc., Architects and Planners

Owner: J. W. Jones Lumber Company, Inc. •
Location: Elizabeth City, NC

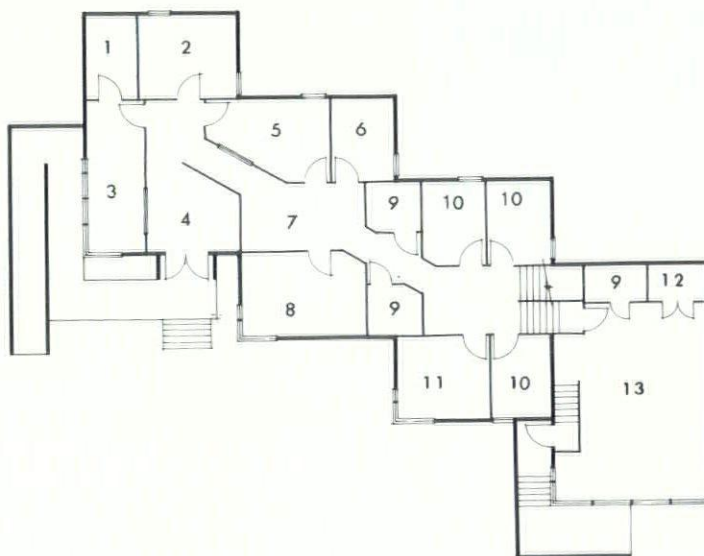
Project Architect/Designer, Andrew S. Fink •
Landscape Architect, Dave Bankes • Interior
Designer, Phyllis Brown Snow • Structural
Engineer, Abiouness, Cross, Bradshaw, Inc.
• Mechanical/Electrical Engineer, Charles
Farley • General Contractor, L. J. Sanders,
Inc. • Photography, Robert K. Ander Com-
mercial Photography.

It makes sense for a lumber mill to show off its
product by building its offices out of wood, from
the foundation up.

The J. W. Jones Lumber Co. milled over 25 types
of wood for their offices on Route 17 in Elizabeth
City, North Carolina. From pressure treated
wood foundation to 24" wide pine planks, the
building is a study in treating, finishing and
detailing wood. The project was completed in
June 1987.

The exterior is clad in cedar shakes and a com-
bination of 3" and 6" rabbeted bevel cedar sid-
ing. Door and arch are 24" wide cypress tongue
and groove bevels. In order to knock mud and
shavings off of truckers' and workers' feet, the
walkways and stairs are a combination of con-
crete, grating and wood with brush boot-scrap-
ers on the side at the front door.

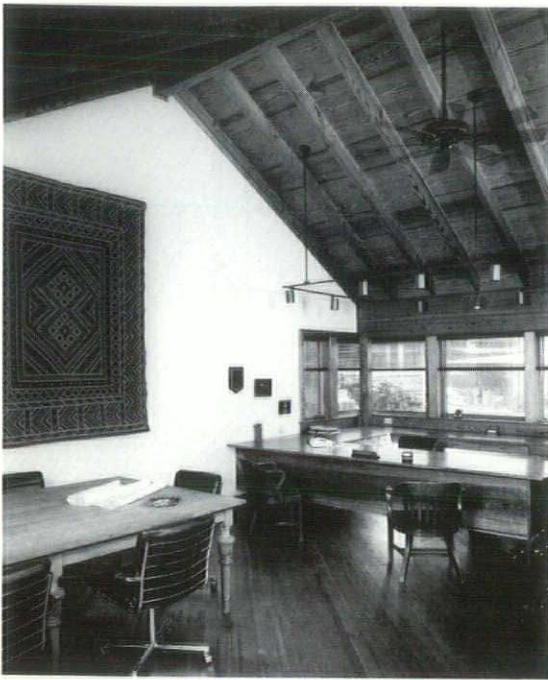
Each interior room is finished in a different
wood. These contrasts are tied together by a



1. FILES
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7. CORRIDOR
8. FORESTER
9. TOILET
10. SALES
11. SALES SUPERVISOR
12. CLOSET
13. EXECUTIVE OFFICE

FLOOR PLAN





unifying edge and center bead cypress ceiling, 8" to 10" oak plank floors and pecky cypress walls in the main corridor. Acoustic wallcoverings at strategic points help noise control. The woods in the smaller offices include all heart pine, ash, poplar, oak, cedar, cypress, walnut & maple. All trim and planks are also finished differently, from Williamsburg beading to vee edge and center beading. The stains range from Watco oil on the floors to white-wash on some walls.

Special details were designed for railings and casework. The foyer wall cap is a series of cross sections through a 5" pine tree which are laminated end on end. The railing in the executive office is laminated in walnut, ash and pine. Casework is made from pine planks. Mr. Wilson Jones' executive office is finished in 100-year-old heart pine flooring laid diagonally and 3x12 pine beams on the ceiling with 5/4x18" pine boards in between.

Most of the woods are grown locally and all are part of the typical manufacturing done by this mill since 1940. Since Mr. Wilson Jones' father began the mill, it has expanded to 95 employees

producing over 14,000,000 board feet per year. Their finishing and framing lumber are shipped up the east coast, to Europe and to the Far East.

The project's goals were to provide an office building that would create separation from the mill for business traffic, allow complete viewing of mill operations, and control shipments in and out.

The new building relocated the business offices from a 1950s converted residence in the center of the complex to the west corner of the property. The main entrance for automobile and truck traffic was moved between the property line and the new building. A 60' wide drive now facilitates the tractor trailer trucks which make deliveries. Relocation of the truck scales enable the receptionist area personnel to view and electronically record each shipment. (The site was further restricted by a small cemetery plot.)

The receptionist is located at one end of the building to control access, record deliveries and deal with the public. The mill president is situated in a strategic location to watch plant operations through a raised office with a panorama of

windows. The locations necessary for these two personnel, considerations necessitated a linear building with support staff on either side of the axis hallway. Each of the primary sales supervisors have offices with corner windows facing the primary mill operations. Offices all have custom desks designed specifically for mill office functions including forestry mapping and for their computerized sawmill management and linear controlled carriage programs. Ancillary facilities include a lounge and restrooms.

The executive office includes a built-in 32 lineal foot work table/desk as well as an antique oak conference table. From the executive office, a private exit leads to the mill and to storage in the lower level.

Site work includes the main drive which will be asphalted after the 80,000 pound trucks have sufficiently compacted the crush and run. The landscaping utilizes plant materials native to the area such as *Typha Angustifolia* (cat-tails), *Cortaderia Sellona* (pampas grass), *Pinus Taeda* (loblolly pine), and *Euonymus Alatus* (winged euonymus).

And, of course there are wood toilet seats.

L.J. Sanders, Inc., of Elizabeth City, NC, was general contractor and handled foundations, concrete work, carpentry, cabinets and caulking.

SUBCONTRACTORS & SUPPLIERS

(Elizabeth City, NC firms unless noted)
Central Garden Center & Nursery, landscaping materials & landscaping contractor; C & L Concrete Works, Belcross, NC, paving contractor; Elizabeth City Brick Co., concrete supplier; All-state Building Supply, roofing, metal doors & frames, wood doors & hardware supplier; Sea Shores Insulation Co., Inc., Point Harbour, NC, roof/wall/foundation insulation; J. W. Jones Lumber Co., Inc., structural wood; millwork & paneling; Pella Window & Door Co., Kitty Hawk, NC, glass & windows; W. R. McCullen, Moyock, NC, gypsum board contractor; Standard Tile Inc., ceramic tile; Village Carpet, Camden, NC, carpet; John Dail, painting contractor & wall covering; Hudson Drapery Shop & Window Treatments, Virginia Beach, wall covering; Perry Paint & Glass, paint supplier; Watco-Dennis Corp., Santa Monica, CA, paint manufacturer; Gary Eure Plumbing & Electrical, plumbing fixture supplier & plumbing/electrical contractor; and Ward & Son, Inc., heating contractor.



Burger King, Montgomery Airpark

Murray & Associates Architects

Owner: Potomac Foods Company • **Location:** Gaithersburg, Montgomery County, Maryland

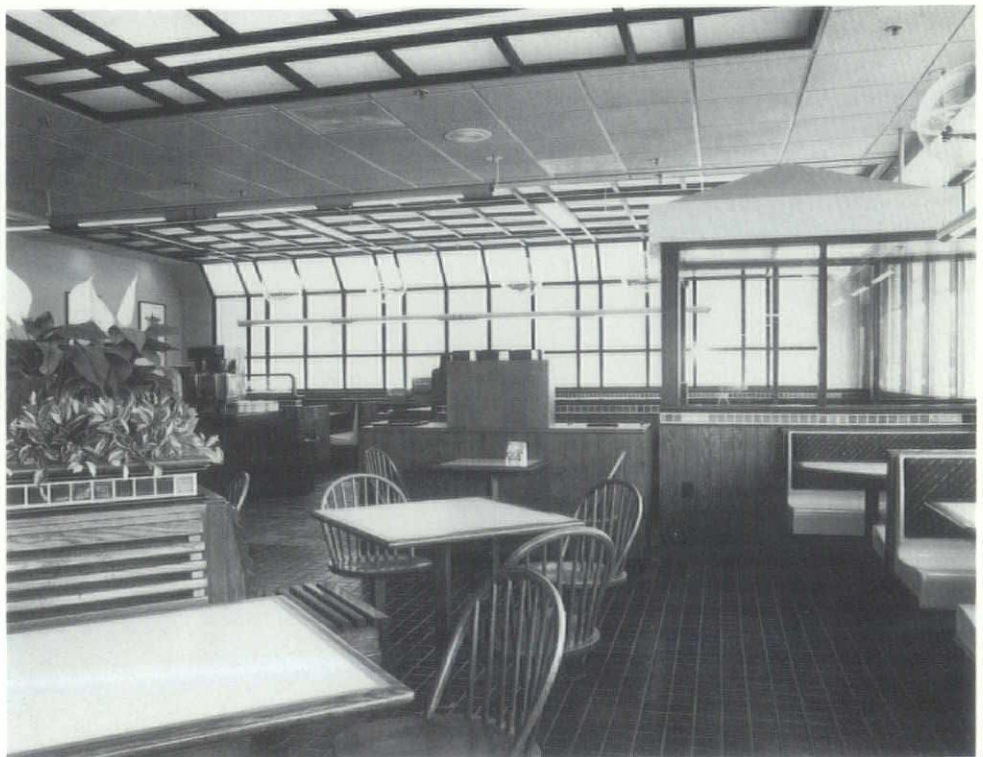
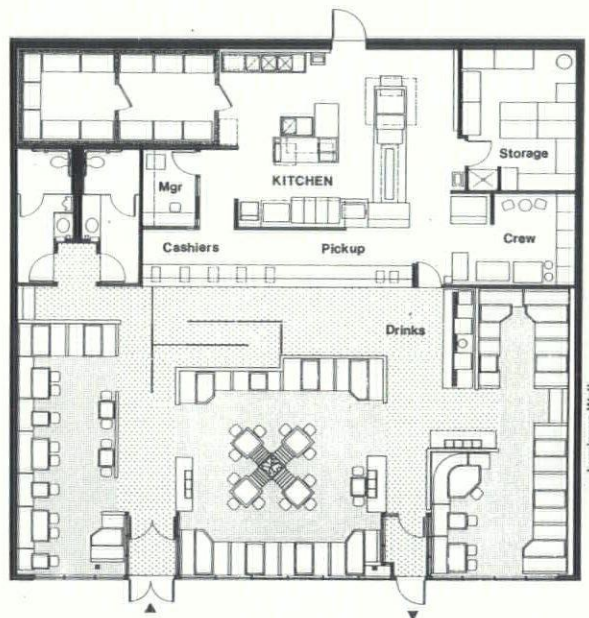
Project Architect/Designer, Jo Anne Murray, AIA • **Mechanical/Electrical Engineer,** Engineering Design Group • **Food Service Equipment,** Tyson Metal Products • **General Contractor,** G & G Contracting, Inc. • **Photography,** Michael Stewart.

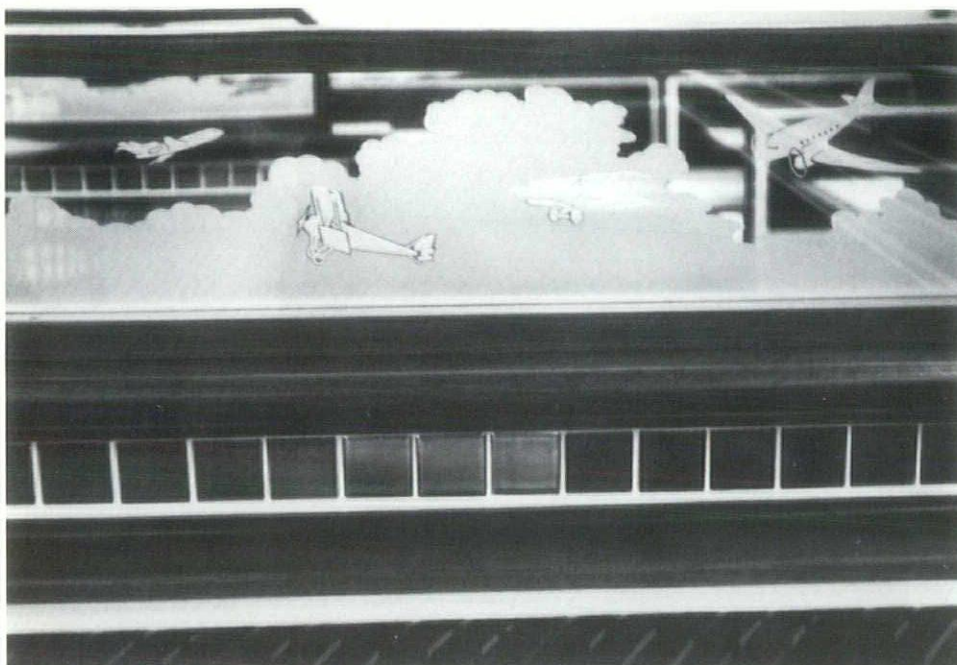
How can a restaurant design maintain the familiar image of a national franchise, and at the same time take advantage of an unusual location and the character of the surrounding community? The question is posed by a Washington, D.C. area fast-food trend: away from standardized, freestanding buildings, toward one-of-a-kind, internal retail mall locations. The Montgomery Airpark Shopping Center Burger King Restaurant is one of two projects of this type that Murray & Associates has designed for a local Burger King franchisee.

The shopping mall location offers several advantages. The restaurant is in a continuous pedestrian stream. The owner avoids tying up capital in a base building, and even the seating and kitchen can be depreciated faster as leasehold improvements. While a lease in a successful mall can be expensive, part of the cost is usually tied to sales, so the landlord often shares the startup burden. And the lease has a buyout clause; unlike the owner of a freestanding outlet, the mall franchisee is not saddled with maintaining (or trying to sell) a losing location.

If mall locations are a trend, they point to new design directions. Regional and downtown malls are often linked to a more upscale, urban clientele that prefers fast food in comparatively quiet, unrushed surroundings. The goal is to have customers coming back because of the fast service—but not getting heartburn from rushing through the meal in order to escape an abrasive environment.

At the new 3600 square foot Burger King at Montgomery Airpark Shopping Center in Gaithersburg, Maryland, in a lively mall next to a commercial airstrip, Murray & Associates took a standard prototype and gave it a twist in lighting, finishes and decoration. Adapting a deep, internal storefront space, the design replaces the franchise's signature sidewall greenhouse with a "luminous wall," based on a standard luminous ceiling system. This acrylic panel system also appears overhead, giving seating areas a cheerful, soft daylight feeling. Fluorescent





strips in colorful tubes light traffic aisles and service counters. Flooring in these high traffic areas is the franchise's familiar ceramic tile but in an updated parquet-pattern. As with lighting, floors in seating areas are visually subdued by substituting four-inch charcoal grey ceramic tiles, grouted in a vibrant rust color.



At seated eye level, for maximum impact, are the restaurant's two main decorative elements. An accent strip of colored tiles between black moldings repeats a spectrum of neon pastels; the "op" effect suggests airport landing lights (similar colors reappear in the booths' upholstery). Directly above, etched-glass panels by local artist Marc Levenson show biplanes banking through cumulus clouds. Other aviation references include model planes suspended in clear plastic globes, and a display case with flyers' memorabilia.

An added refinement—a light cherry stain to warm up the usual green cast of the franchise standard white oak paneling and furnishings—is among several ideas from this restaurant that Burger King is considering for use nationwide.

G & G Contracting, Inc. of Rimmersburg, Pennsylvania was general contractor and handled gypsum board work, paint and painting.

SUBCONTRACTORS & SUPPLIERS

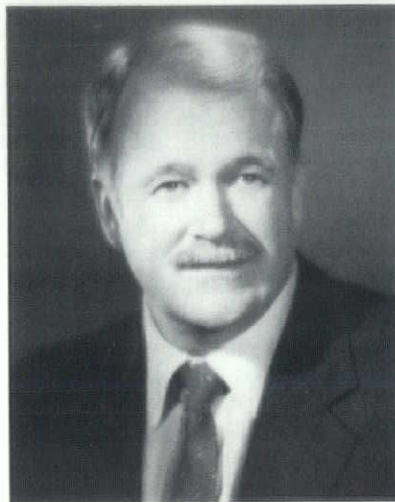
Parisi, Inc., Philadelphia, PA, millwork & seating; Masonite Corp., Towanda, PA, paneling (FRP); Merrilat Industries, Inc., Adrian, MI, cabinets; American Door Co., Beltsville, MD, metal doors & frames; Alto Glass, Landover, MD, storefront; C.T.S. Wilson, Rome, GA, ceramic tile installation; Summittville, Summittville, OH, strata & structural stoneware; Armstrong Ceilings, acoustical treatment; Benjamin Moore Paints, Chester, paint manufacturer; Decor Supply, Rockville, MD, wall covering supplier; Koroseal by B. F. Goodrich, wall covering; Tyson Metal Products, Pittsburgh, PA, food service equipment; Krick Fire Protection Systems, Inc., Hyattsville, MD, sprinkler contractor; Cambco, Ayden, NC, plumbing contractor; Tropical Engineering, Clearwater, FL, HVAC contractor; Greenheck/Carrier, HVAC equipment; Paul Resnick, Inc., College Park, MD, electrical contractor; Universal/Bohrick, toilet accessories; Heath & Company, Tampa, FL, signage; American Luminous Ceilings, Cleveland, OH, luminous ceilings & wall; The Nostalgic Aviator, Alexandria, decor—airplanes.

FOR THE RECORD

Spears Elected by AGC of Virginia

Roy E. Spears, Jr., President of Shirley Construction Corporation, Portsmouth, was elected President of the Associated General Contractors of Virginia, Inc. (AGC) during their annual convention January 21-24, at the Homestead, Hot Springs, Virginia. The installation was conducted by the national vice president, Paul Emerick, Associated General Contractors of America, during the group's annual banquet on January 23.

Spears, a 1964 graduate of Old Dominion University, has been active on the AGC of Virginia Board since 1981. In addition to heading Shirley Construction Corporation, he has served as president of the Builders and Contractors Exchange in Norfolk and is a member of the North Suffolk Rotary Club. He has been in the construction industry for 25 years.



Roy E. Spears, Jr.

OTHER OFFICERS

Also elected to office in the AGC of Virginia for the coming year are: 1st Vice President—Donald E. Sours, R. E. Lee & Son, Inc., Charlottesville; 2nd Vice President—Jerry Bassler, Howard Shockey & Sons, Inc., Winchester; Vice President, Associate Affairs—Gerald I. Katz, Katz & Stone, Vienna; Secretary—John O. Gregory, Gregory Construction Co., Inc., Manassas; and Treasurer—N. David Kjellstrom, Kjellstrom and Lee, Inc., of Richmond.

BOARD OF DIRECTORS

Elected to the Board of Directors were: Robert L. Flint, L. G. Flint, Inc., Lynchburg; John Walls, John W. Daniel & Co., Inc., Danville; Vice Chairman-Elect—Norman O. Milligan, MR Interiors, Inc.-MRI, Richmond; George Goodson, Warwick Plumbing & Heating Corp., Newport News; James

Burch, Luck Stone Corporation, Charlottesville; C. N. (Ted) Eanes, Martinsville Concrete Products, Inc., Martinsville; and E. Tom DuPuis, P & T Products, Inc., Wytheville.

The Associated General Contractors of Virginia is a trade association of approximately 900 member firms, including general contractors and associated subcontractor firms. AGC of Virginia is a branch of the Associated General Contractors of America, headquartered in Washington, DC. AGC of America encompasses 104 chapters throughout the country including Alaska, Hawaii and Puerto Rico.

PHR&A Structural Changes and Promotions

Patton, Harris, Rust and Associates, P.C. (PHR&A), a consulting engineering firm based in Fairfax, has announced that Conrad Brewer, P.E. and Keith Sinclair, P.E., of Brewer, Sinclair and Associates, a Fairfax City engineering and surveying company, have joined the firm as senior project managers and stockholders. Their technical staff have also joined the firm.

M. Waldo Blake, P.E., formerly a vice president with Sverdrup Corporation (Sverdrup and Parcel), also joins the firm's Fairfax office as Director of Engineering, bringing more than 35 years of experience in civil and transportation engineering.

PHR&A is a professional services firm established over 35 years ago, specializing in civil, environmental and transportation engineering, land surveying, land planning, and landscape architecture. Additional services include con-

struction administration, construction inspection, and geotechnical/materials testing. The firm employs over 275 technical and administrative personnel throughout their five offices located in Fairfax, Leesburg, Bridgewater and Virginia Beach, Virginia and Rockville, Maryland.

LEESBURG OFFICE CHANGES ANNOUNCED

The following changes have been announced at PHR&A's Leesburg office:

Michael R. Sanchez and John C. Lewis have been promoted to Project Engineer, and Steven P. Herzog has joined the firm as Project Engineer.

William W. Neville, C.L.A., has been promoted to Director of Land Planning and Landscape Architecture.

PHR&A's Leesburg branch was opened in the fall of 1984 with a staff of three. Today, the Leesburg office consists of 44 professionals.

Saunders Oil Names Sales Manager

Dianne C. Cottrell has recently been appointed Sales Manager of Saunders Oil Company, Inc., for the Richmond area.

Ms. Cottrell has been a member of the Saunders Oil Company sales force since 1985. She received her business degree in marketing from VCU in 1985.

Dernis International Contract Goes to Forterra Corporation

Forterra Corporation, a Virginia Beach based commercial construction firm has been awarded the contract to construct the new office and warehouse facility for Dernis International Marketing, Inc., located on International Parkway in Oceana Industrial Park.

Dernis International is well known as a major importer to the East Coast of Italian marble. Their new facility will consist of approximately 20,000 feet of warehouse space, offices and showroom. The project, as conceived by the local architectural firm, Walsh/Ashe Associates, Inc., will be one of the area's most distinctive and uniquely designed granite faced structures.

Begun in late November by Forterra Corporation, the facility is under fast-track construction and is scheduled for early completion.

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Tiber to Complete Parkridge Four

Tiber Construction Co. of Fairfax was recently awarded a \$6.65 million contract by Walker and Co. of Reston, for the construction of Parkridge Four, the fourth phase of the Parkridge office complex located in Reston.

Parkridge Four, designed by the Washington office of Add, Inc., will consist of an office building of six stories plus a penthouse. This building will offer tenants approximately 122,000 square feet of office space and will have a lakefront setting.

The Parkridge complex began with the construction of Parkridge One in 1984. Currently major tenants in the complex include AT&T, GE and TRW. Parkridge III was selected by NASA/Jet Propulsion Labs headquarters for the permanent orbiting space station design facility.

Eventually to total seven buildings and 1.2 million square feet, the Parkridge Office Center is located on 46 acres. Parkridge will provide for a wide range of tenant uses including facilities for office, research and development, computer use, manufacturing and assembly.

Tiber Construction Company, headquartered in Fairfax, is a general building contractor and a subsidiary of Metric Constructors, Inc. of Charlotte, North Carolina. Parkridge Four represents the ninth project that Tiber has undertaken for Walker and Company.



Ken Hutira



Harrison Picot

Tycon Construction Expands Staff

Vienna based Tycon Construction Company has announced the hiring of Ken Hutira as project manager. Hutira will oversee three ongoing Tycon Construction building projects and will work directly with the senior project manager.

Before joining Tycon, Hutira held project manager positions with Glen Construction Co. and OMNI Construction Co.

Harrison Picot has also joined Tycon, as conceptual estimator. Picot will prepare conceptual budgets for securing negotiated construction work and update ongoing project budgets.

Prior to joining Tycon, Picot was a conceptual estimator for Trammel Crow Construction in Reston, Virginia.

Dickerson Named To New State Post

The Virginia Department of Economic Development has named Richard A. Dickerson to the newly created post of Legislative Affairs Specialist. The appointment was effective December 1, 1987.

In announcing the appointment, Hugh D. Keogh, Director of the Department said, "The experience Richard Dickerson gained as a Special Assistant for Policy and Planning in Governor Charles S. Robb's administration, and his wide range of legislative contacts, makes him particularly well suited for this post."

Keogh said that the Department's new Legislative Affairs position is the result of actions taken by the 1987 Virginia General Assembly to strengthen the state's economic development program.

Prior to assuming this new position, Dickerson had served the Department as Community Services Representative and had assisted communities in preparing for economic development.

Dickerson is a 1977 graduate of Davis Elkins College in Elkins, West Virginia and a 1987 graduate of the Basic Economic Development Course at Chapel Hill, North Carolina.

Rose to Manage Mid-Atlantic Region For Kimley-Horn

Kimley-Horn and Associates, Inc., a North Carolina-based consulting engineering, planning, and surveying firm, has announced that William D. Rose, P.E., has joined the firm as vice president and regional manager of the Mid-Atlantic Region. Rose will be responsible for directing the production and marketing activities of Kimley-Horn's Raleigh, Charlotte, Nashville, Virginia Beach, and Washington, D.C. offices.

Rose formerly served as president of FGM, Inc., an Illinois-based architectural and engineering firm with offices in the St. Louis and Chicago metropolitan areas. He received his Bachelor of Science degree in civil engineering from Bradley University and his Master of Science degree in environmental engineering from the University of Illinois. Rose is a registered professional engineer and a member of the American Society of Civil Engineers and the Professional Engineers of North Carolina.

Kimley-Horn is a 420-person consulting engineering, planning, and surveying firm with offices in North and South Carolina, Florida, Tennessee, Texas, Arizona, Virginia, and Washington, D.C. The firm's services include highway and bridge design, transportation planning, traffic engineering, site planning and engineering, water and wastewater engineering, coastal engineering, environmental assessment, surveying, and planning and design of airports, signal systems, and parking facilities. Kimley-Horn was founded in 1967 and in 1987 was ranked 101st among the nation's top 500 design firms, according to *Engineering News-Record*.

Office of Consumer Affairs Elevated to Division Status

In its on-going commitment to Virginia consumers, the Virginia Department of Agriculture and Consumer Services (VDACS) has announced that the present Office of Consumer Affairs has now been elevated to Division status.

The newly named "Division of Consumer Affairs" represents a more thorough integration of its functions within VDACS, as well as its importance in carrying out the agency's overall mission of economic development to deliver both regulatory and service-oriented programs in Virginia. Therefore, it will continue to offer services to the general public in areas of consumer education, complaint investigation and negotiation, as well as in the registration and regulation of membership campgrounds, health spas and charitable solicitations.

During the 1986-87 Fiscal Year, the Consumer Affairs staff responded to over 100,000 inquiries and complaints and assisted consumers in recovering nearly 1.9 million in values resulting from refunds, exchanges, cancelled contracts, repairs and other related transactions.

VDACS has a long-standing history of providing programs to benefit the agricultural and consumer community. It has continually taken steps to expand its reach to all Virginia consumers. The designation of a Consumer Affairs Division affords it equal status with all of the other Agency's operating divisions and, likewise, ensures greater cooperation in providing comprehensive consumer services throughout the Commonwealth.

HE'S MOVING TO YOUR NEIGHBORHOOD BECAUSE OF ALL ITS ADVANTAGES.

Broken streetlights. Unsupervised children. The elderly alone. These are the advantages crime is looking for.

Don't let it take advantage of your neighborhood. Get actively involved. Fix streetlights, escort the elderly, and start a McGruff House Program for children. But you can't do it all yourself, so report anything suspicious to your local Police or Sheriff's Department.

TAKE A BITE OUT OF CRIME

Ad A message from the Crime Prevention Coalition and the Ad Council. © 1986 The Advertising Council

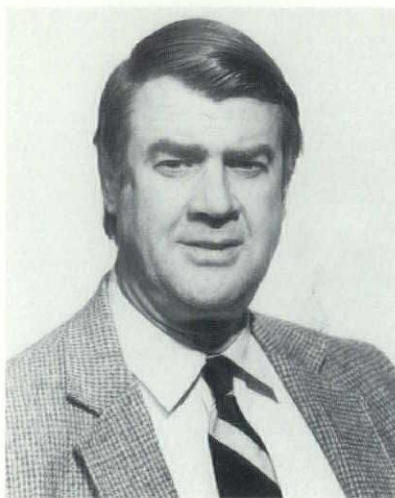
ABC, Virginia Chapter Announces 1988 Officers

Associated Builders and Contractors, Virginia Chapter, recently elected John H. Clagett as their 1988 President. Clagett is Vice President of Donohoe Construction Company, a general contractor located in Washington, DC. He first joined Donohoe in 1964 as a Superintendent; left for a time to start his own company, J. H. Clagett, Inc., in Miami, Florida, then returned to Donohoe in 1974 as a Project Manager. He moved successively to Director of Field Operations and to his current position of Vice President in 1982.

OTHER OFFICERS

Virginia ABC's other 1988 officers will be:

- Mike Baldauf, 1st Vice President. Baldauf is President of Sabre Construction Corporation, a general contractor located in Fairfax.
- William E. Glover, 2nd Vice President. Glover is President of E. H. Glover, Inc. in Fairfax.
- Larry Spellman will serve as Secretary. He is President of Trowbridge Steel Co., Inc., a steel fabrication and concrete products supplier, located in Sterling.



John H. Clagett

- George Hossenlopp, Treasurer. Hossenlopp is Vice President-Sales with Virginia Concrete Company, Inc. in Springfield.

Virginia Film Market Thrives

Film production in Virginia reached record proportions in 1987, with a total of 10 films shot in the state, bringing \$7.5 million in gross revenue to the economy. The increased activity accompanied an unprecedented level of national exposure focusing on location filmmaking in the Commonwealth.

Included among the ten productions were the critically acclaimed NBC mini-series *THE MURDER OF MARY PHAGAN*, the Twentieth Century-Fox Feature, *BROADCAST NEWS* and several soon-to-be-released films. The upcoming Columbia Pictures release *ZELLY AND ME* was shot in Williamsburg, Gloucester and Newport News. *IN A SHALLOW GRAVE*, an American Playhouse Production, was shot entirely in Craig County. Two films picture military bases in Hampton Roads, *TOO YOUNG THE HERO*, a CBS Movie of the Week starring Rick Schroeder, which was shot at Camp Pendleton and *SUPERCARRIER*, an ABC Pilot, which was shot on board an aircraft carrier from the Norfolk Naval Base. *CUBS*, a Donegal Production, was shot in Nelson County. The NBC mini-series *LINCOLN*, starring Mary Tyler Moore and Sam Waterston, was filmed entirely in Richmond and Petersburg.

Completing the list for 1987 are two specials produced by CBN Cable Productions which were recently broadcast on network television. *TERIBLE THINGS MY MOTHER TOLD ME*, an ABC Afterschool Special shot in Norfolk, Suffolk and Chesapeake, and *NEVER SAY GOODBYE*, a CBS Schoolbreak Special shot in Suffolk, Norfolk and Virginia Beach, both aired in January.

For the *MURDER OF MARY PHAGAN*, producer George Stevens, Jr. effectively used the historically preserved neighborhoods of Richmond and Petersburg to portray early twentieth century Georgia. The result is a beautiful showcase of Virginia landmarks such as Richmond's Old City Hall and the State Capitol building. The

production also featured the acting debut of Governor Gerald Baliles, who portrayed a Virginia delegate in the mini-series.

The recent success of Vestron Pictures' *DIRTY DANCING*, shot in 1986 at Mountain Lake, proved also to be a major public relations success for the state. The high visibility of the Mountain Lake Hotel and the surrounding landscape in *DIRTY DANCING* are particularly significant in light of recent box office figures showing it to be the highest grossing independent film in history.

"DAILY VARIETY," the influential trade journal of the motion picture and television industry, highlighted Virginia in December with a 43-page special issue unique to the paper's 55-year history. The coverage appearing in the December 14th edition represented the first time the Hollywood-based paper has covered location filming in an individual state in such a comprehensive manner. The Virginia Film Office was also credited in numerous other state and national publications for its success in promoting the recent growth of the Virginia film market.

Governor Baliles generated national coverage in November during his trip to Los Angeles, where he announced plans for the first annual Virginia Festival of American Film. Initially suggested by Mrs. Patricia Kluge, the festival was established



by the University of Virginia with the support of the Virginia Film Office. As an annual event, the festival will highlight the work of American filmmakers viewed in the context of the nation's film history. Baliles announced that the theme of the first festival, scheduled for October in Charlottesville, will be "A Virginia Homecoming" focusing on Virginia's contribution to American filmmaking.

The Virginia Film Office also announced the establishment of the Governor's Screenwriting Competition, an event to be held in conjunction with the Virginia Festival of American Film. Open to all Virginia residents, it is designed to support and encourage the state's creative talent. The Virginia Film Office and the Virginia Commission for the Arts are sponsoring the contest and started accepting entries February 1, 1988.

Also acting as support for indigenous state talent, "THE 1987 VIRGINIA FILM PRODUCTION SERVICES DIRECTORY" won top honors in an annual competition of economic development materials. The Film Office publication, which lists local film support services, won "Best of Show" and "Best of Class" awards presented by the Southern Industrial Development Council.

The Film Office was responsible for the December program of the Economic Development Department's Quarterly Seminar. The topic, "You Ought to be in Pictures," was presented in Charlottesville as a forum promoting communication between localities and production companies working in Virginia. Sessions included, "Putting Your Locality in the Movies," "Working with the Virginia Film Office," and "The Virginia Festival of American Film."

Also in the interest of educating Virginians about the film industry, the Virginia Film Office prepared presentations for a special meeting of the South Eastern Museum Conference and for a meeting of owners of historic houses hosted by the National Trust For Historic Preservation.

For more information on filming in Virginia contact: Andy Spaulding, Director, Virginia Film Office, 1000 Washington Building, Richmond, Virginia 23219. 804/786-5832

Engineering Firm Announces Changes

The Norfolk based consulting engineering firm of Joe D. Glenn and Associates has announced the promotion of Christopher M. Stone from Senior Structural Design Engineer to Senior Associate. Mr. Stone, a registered professional engineer in Virginia and 1978 VMI graduate, recently returned from the firm's Madrid, Spain office, where he was office manager and chief engineer. He has been replaced by W. Harry Glenn, PE, a 1982 Old Dominion University Engineering graduate.

The firm also announced that William R. Keen, formerly an engineer-in-training at Newport News Shipbuilding, and Robert S. Ozabal, from the New York area, have joined the firm as Junior Engineer and CADD Technician respectively.

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